

Instant Glamour everywhere you go!



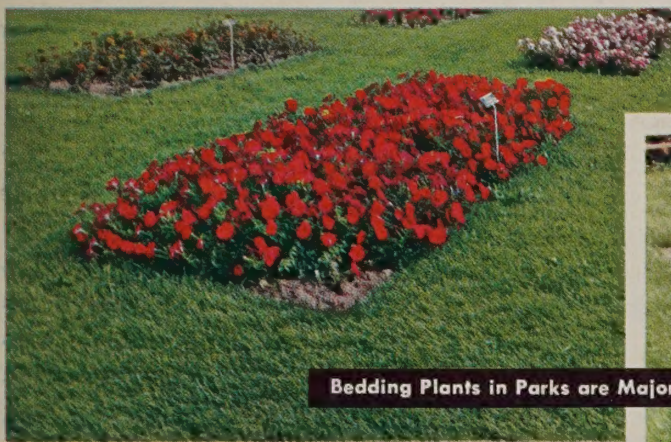
Fast, Failure-Proof Home Decoration



Today's Shoppers Appreciate Flowers



Floral Decoration Enhances Church Setting



Bedding Plants in Parks are Major Attractions



Added Beauty for Industry

★ FEB 4 1962 ★
U. S. Department of Agriculture

SPRING 1962

Vaughan's Seed Co.

WHOLESALE LIST

601 W. JACKSON BLVD. • 85 WHITE ST.

Chicago 6, Ill.

FRanklin 2-7560

New York 13 N. Y.

BARclay 7-4900

86th ANNIVERSARY



Instant Glamour for extra profits in '62

- NEW FLOWERS
- NEW APPEAL

- NEW VEGETABLES
- NEW PETUNIA POSTER

- NEW COLOR
- NEW DISPLAYS

Once again Vaughan's Instant Glamour has collected America's best-selling-for-'62 plants! Once again the Florist Industry's finest point-of-purchase sales promotion package is yours FREE with Instant Glamour.

Mr. Grower, remember, you get all this **plus** your 10% Merchandise Gift Certificate FREE. Only with In-

stant Glamour do you have this outstanding display program to give **your** customers who buy bedding plants from you for resale . . . or if you do your own growing and retailing, to use yourself.

So order now from your Vaughan's salesman or by mail; Instant Glamour Order blank in this Catalog.

Here are the varieties in Instant Glamour for '62 . . .

Ageratum Blue Mink
Alyssum Carpet of Snow
Aster Dwarf Queen Mixed
Ornamental Basil Dark Opal A.A.S.
Carnation Chabaud "Glamour" Mixed
Celosia Cristata Jewel Box
Coleus Vaughan's Rainbow Mixture
Dahlia Dwarf Exhibition Mixed (Double)
Dianthus Bravo (Chinensis) A.A.S.
Impatiens "Baby" Mixed
Marigold Spun Gold
 Petite Mixed
 Climax Mixed
Pansy Swiss Master Blend

Petunia F-1
 Aristocrat
 Calypso
 Comanche Improved
 Coral Satin
 Pink Desire
 Polaris
 Red Ensign
 Sugar Plum
 All Double Dwarf Master Blend
 Cherry Tart (double)
Phlox Dwarf Master Blend
Portulaca Double Mixed

Salvia Blue Bedder
 St. John's Fire
Snapdragon Rocket Mixed
Verbena Dwarf Master Blend
Vinca Dwarf Bright Eye
Zinnia Old Mexico A.A.S.
 Red Man A.A.S.
 Golden Heart VAUGHAN EXCLUSIVE
Cabbage Golden Acre Resistant
Tomato Early Giant Hybrid
 Burpee's Big Boy
 Tiny Tim
Pepper Yolo Wonder

Special Order Blank for Instant Glamour

To VAUGHAN'S SEED COMPANY

601 W. Jackson Blvd., Chicago 6, Ill.

Phone FRanklin 2-7560

GET YOUR GIFT CERTIFICATE. Buy thirty or more of the "Instant Glamour" collection and receive a gift of 10% of your order (after usual discounts) redeemable for any merchandise Vaughan's sell!

Date.....19.....

NAME.....
PLEASE USE SAME NAME ON ALL ORDERS TO AVOID CONFUSION IN OUR FILES

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or Rural Delivery.....

Post Office.....State.....
(City Zone No.)

Express or Freight Office { If different }
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AMOUNT ENCLOSED \$.....When to Ship.....Always write letters on a separate sheet from your order.

DISCOUNTS ON FLOWER AND
VEGETABLE SEEDS ONLY
CASH OR C.O.D. UNDER \$10.00 NET
\$ 10.00 to \$ 25.00, 5%
25.00 to 100.00, 8%
100.00 to 200.00, 10%
200.00 to 300.00, 12%
Over 300.00, 15%

CHARGE ORDERS: IF PAID WITHIN
30 DAYS FROM DATE OF INVOICE:
UNDER \$10.00 NET
\$ 10.00 to \$ 25.00, 2%
25.00 to 100.00, 7%
100.00 to 200.00, 9%
200.00 to 300.00, 11%
Over 300.00, 14%

Quan- tity	PRICE		Quan- tity	PRICE	
	Dols.	Cts.		Dols.	Cts.
AGERATUM—Blue Mink. Tr. pkt. (1/16 oz.) 70c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; oz., \$6.00; 4 oz., \$18.00.			PETUNIA—(F-1 Grandiflora) Calypso. 1/2 Tr. pkt. (500 seeds) \$1.35; Tr. pkt. (1000 seeds) \$2.50; 1/128 oz., \$4.50.		
ALYSSUM—Carpet of Snow (Snowcloth). 1/4 oz., 35c; oz., \$1.00; 4 oz., \$3.00; lb., \$12.00.			Pink Desire. 1/2 Tr. pkt. (500 seeds) \$1.35; Tr. pkt. (1000 seeds) \$2.50; 1/128 oz., \$4.50.		
ASTER—Dwarf Queen Mixed. Tr. pkt. (1/8 oz.) 85c; 1/4 oz., \$1.50; oz., \$4.50; 4 oz., \$15.00; lb., \$45.00.			PETUNIA—All Double (Grandiflora) Dwarf Master Blend. 1/2 Tr. pkt. (500 seeds) \$2.50; Tr. pkt. (1000 seeds) \$4.00; 1/128 oz., \$7.50.		
ORNAMENTAL BASIL—Dark Opal (All America). Tr. pkt. (1/16 oz.) \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.15; oz., \$9.35; 4 oz., \$31.20.			(Multiflora) Cherry Tart. 1/2 Tr. pkt. (500 seeds) \$1.75; Tr. pkt. (1000 seeds) \$3.00; 1/128 oz., \$5.50; 1/64 oz., \$10.00; 1/32 oz., \$19.00.		
CARNATION—Chabaud "Glamour" Mixed. Tr. pkt. (1/16 oz.) 45c; 1/4 oz., \$1.20; oz., \$3.60; 4 oz., \$10.00; lb., \$36.00.			PHLOX—Dwarf Master Blend. Tr. pkt. (1/16 oz.) 75c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; 1/2 oz., \$3.50; oz., \$6.00; 4 oz., \$18.00; lb., \$54.00.		
CELOSIA—Cristata Jewel Box. Tr. pkt. (1/64 oz.) \$1.00; 1/32 oz., \$1.80; 1/16 oz., \$3.25.			PORTULACA—Double Mixed. Tr. pkt. (1/16 oz.) 45c; 1/4 oz., \$1.25; oz., \$3.90; 4 oz., \$11.00; lb., \$33.00.		
COLEUS—Vaughan's Rainbow Mixture. Tr. pkt. (1/128 oz.) \$1.60; 1/64 oz., \$2.60; 1/32 oz., \$5.00; 1/16 oz., \$9.00; 1/8 oz., \$15.00; 1/4 oz., \$27.00.			SALVIA—Blue Bedder. Tr. pkt. (1/16 oz.) 50c; 1/4 oz., \$1.50; oz., \$4.50; 4 oz., \$13.50; lb., \$54.00.		
DAHLIA—Dwarf Exhibition Mixed (Double). Tr. pkt. (1/8 oz.) 80c; 1/4 oz., \$1.35; oz., \$4.00; 4 oz., \$12.00.			St. John's Fire. Tr. pkt. (1/16 oz.) 90c; 1/4 oz., \$2.75; oz., \$8.50; 4 oz., \$25.00; lb., \$100.00.		
DIANTHUS—Bravo (Chinensis) (All America). Tr. pkt. (1/32 oz.) 90c; 1/16 oz., \$1.65; 1/8 oz., \$2.75; 1/4 oz., \$5.00; oz., \$15.00; 4 oz., \$45.00.			SNAPDRAGON—Rocket Mixed (F-1 Hybrid). Tr. pkt. (750 seeds) \$1.75; 1/128 oz., \$3.00; 1/64 oz., \$5.70; 1/32 oz., \$10.80; 1/16 oz., \$20.00; 1/8 oz., \$39.00.		
IMPATIENS—"Baby" Mixed. Tr. pkt. (1/128 oz.) \$1.50; 1/64 oz., \$3.50; 1/32 oz., \$6.50; 1/16 oz., \$12.00.			VERBENA—Dwarf Master Blend. Tr. pkt. (1/16 oz.) 75c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; 1/2 oz., \$3.50; oz., \$6.00; 4 oz., \$18.00; lb., \$54.00.		
MARIGOLD—Spun Gold. Tr. pkt. (1/16 oz.) 65c; 1/4 oz., \$2.00; oz., \$6.00; 4 oz., \$18.00.			VINCA—Dwarf Bright Eye. Tr. pkt. (1/16 oz.) 80c; 1/4 oz., \$1.40; 1/2 oz., \$2.50; oz., \$7.50.		
Petite Mixed. Tr. pkt. (1/8 oz.) 55c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.			ZINNIA—Old Mexico (All America). Tr. pkt. (1/8 oz.) \$1.50; 1/4 oz., \$2.65; oz., \$8.00; 4 oz., \$26.65.		
Climax Mixed (F-1 Hybrid). Tr. pkt. (1/64 oz.) 85c; 1/16 oz., \$2.50; 1/8 oz., \$4.50; 1/4 oz., \$8.00; oz., \$25.00.			Red Man. (All America). Tr. pkt. (1/16 oz.) 75c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; oz., \$8.00; 4 oz., \$29.00.		
PANSY—Swiss Master Blend. Tr. pkt. (1/16 oz.) \$1.50; 1/8 oz., \$2.75; 1/4 oz., \$5.00; oz., \$15.00; 4 oz., \$50.00; lb., \$200.00.			Golden Heart. (Vaughan Exclusive). Tr. pkt. (1/8 oz.) 55c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$10.00; lb., \$30.00.		
PETUNIA—(F-1 Multiflora) Coral Satin. 1/2 Tr. pkt. (500 seeds) \$1.35; Tr. pkt. (1000 seeds) \$2.50; 1/128 oz., \$4.50.			CABBAGE—Golden Acre Resistant. 1/2 oz., 40c; oz., 65c; 4 oz., \$2.00; lb., \$6.00.		
Comanche Improved. 1/2 Tr. pkt. (500 seeds) \$1.00; Tr. pkt. (1000 seeds) \$1.75; 1/128 oz., \$3.50.			PEPPER—Yolo Wonder. 1/2 oz., 60c; oz., \$1.10; 4 oz., \$3.35; lb., \$10.00.		
Polaris. 1/2 Tr. pkt. (500 seeds) \$1.00; Tr. pkt. (1000 seeds) \$1.75; 1/128 oz., \$3.50.			TOMATO—Burpee's Big Boy. 1/16 oz., \$2.50; 1/8 oz., \$4.50; 1/4 oz., \$8.50; 1/2 oz., \$16.00; oz., \$30.00; 4 oz., \$98.00.		
Sugar Plum. 1/2 Tr. pkt. (500 seeds) \$1.00; Tr. pkt. (1000 seeds) \$1.75; 1/128 oz., \$3.50.			Early Giant Hybrid. 1/16 oz., \$2.50; 1/8 oz., \$4.50; 1/4 oz., \$8.50; 1/2 oz., \$16.00; oz., \$30.00; 4 oz., \$90.00.		
PETUNIA—(F-1 Grandiflora) Red Ensign. 1/2 Tr. pkt. (500 seeds) \$1.00; Tr. pkt. (1000 seeds) \$1.75; 1/128 oz., \$3.50.			Tiny Tim. 1/4 oz., 95c; 1/2 oz., \$1.75; oz., \$3.35; 4 oz., \$10.00; lb., \$30.00.		
Aristocrat. 1/2 Tr. pkt. (500 seeds) \$1.35; Tr. pkt. (1000 seeds) \$2.50; 1/128 oz., \$4.50.					
Sub. Total			Total		

INSTANT GLAMOUR CONTEST

Free! a Fun-Filled Trip For Two to Chicago

Wouldn't you like to win a two-day, all-fun, all-expense-paid trip for two people to Chicago? You may, because Vaughan's will pay for the contest winner's transportation, provide a luxurious suite at one of Chicago's finest hotels, pick up the check for all meals including dinners at world famous restaurant or hotel dining rooms—plus after-dark entertainment!

Yes, see the sights, enjoy yourself in big, wonderful Chicago and all as guests of Vaughan's. But that's not all! There are 10 additional prizes of high-quality, 6-transistor portable radios.

All you have to do to win one of these great prizes is display this Instant Glamour Kit to its best advantage. Then photograph it and send picture with your name and address to:

**INSTANT GLAMOUR CONTEST
VAUGHAN'S SEED COMPANY
601 W. JACKSON BLVD.
CHICAGO 6, ILL.**

Pictures will be judged by an impartial agency solely on the basis of the attractiveness and sales-building potential of your display.

Pictures become Vaughan's property and may be used in advertising.

Remember, you get two full days in Chicago for 2 people, all expenses paid. During the first day you'll be Vaughan's guests at our International Field Day at McCormick Gardens in Wheaton, Ill. That evening and the next day you'll choose your own entertainment (We'll help with suggestions, if you wish). Vaughan's picks up the entire tab.

It's not hard to win; the contest is limited to those participating in Vaughan's "Instant Glamour" Program. So go ahead and get your display up, photograph it and enter the contest. All entries must be postmarked not later than June 1, 1962.

Phone FRanklin 2-7560

Date 19.....

Make Money Orders or Checks Payable to Vaughan's Seed Company.

☐ **CHARGE.** Check if you have a charge account. If you wish to have this purchase charged and no account has been arranged, send 3 trade references with addresses and allow about one week to check them.

S. F. 62

\$ 10.00 to \$ 25.00,	2%
25.00 to 100.00,	7%
100.00 to 200.00,	9%
200.00 to 300.00,	11%
Over 300.00,	14%

Forward Goods by _____
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(OVER)

Vaughan's Now Gives You the Answer to the Questions

How Many Seeds in a Trade Packet?
What Weight is There in a Trade Packet?

You, our customers, have given us many good ideas and this is the latest.

Catalogs and seed packets now give you the number of seeds or exact weight. You'll now find ordering and planning easier. No more of that troublesome "over-ordering" just to be sure you have enough. Time, labor and money will be saved just by knowing what you receive when you order a "Trade Packet."

Abutilon

ANNUAL 7,000 seeds oz. 68° 2-3 weeks

Hybridum Maximum Mixed. (Flowering Maple) Giant flowers; leaves very ornamental and often variegated. 3 to 4 ft.
Trade pkt. (1/32 oz.), 55c; 1/4 oz., \$3.00; oz., \$9.00.

Achillea

PERENNIAL Seeds, see below 68° 1-2 weeks

Ptarmica Fl. Pl. The Pearl. (175,000 seeds per oz.). Abundant small white flowers, for cutting, 30 in.
Trade pkt. (1/32 oz.), 30c; 1/8 oz., 75c; 1/4 oz., \$1.35; oz., \$4.00; lb., \$40.00.

Filipendula Parker's Variety. (220,000 seeds per oz.) 2 ft. Large heads of golden yellow flowers on long stems. Coming into flower in July blooms continuously until frost. Excellent for cutting.
Trade pkt. (1/32 oz.), 30c; 1/8 oz., 75c; 1/4 oz., \$1.35; oz., \$4.00; lb., \$36.00.

Aconitum

PERENNIAL 10,000 seeds oz.

Expose to freezing temperatures for best germination results.

Napellus. (Monk's Hood). Dark blue. 36 in.
Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.20; oz., \$3.60; 4 oz., \$10.50.

Ageratum

ANNUAL 210,000 seeds oz. 68-86° 3 weeks

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Blue Ball Improved. Compact plants, 4-5 in.
Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.30; oz., \$4.00; 4 oz., \$12.00; lb., \$36.00.

★**Blue Bedder.** 5-6 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball.
Trade pkt. (1/16 oz.), 55c; 1/8 oz., 95c; 1/4 oz., \$1.65; oz., \$5.00; 4 oz., \$15.00; lb., \$45.00.

Blue Cap. 6-8 in. Dwarf compact habit. True blue flowers. Very uniform.
Trade pkt. (1/16 oz.), 45c; 1/4 oz., \$1.20; oz., \$3.60; 4 oz., \$10.00.

★**Blue Mink (Tetraploid).** Large powder-blue flowers freely produced on 12 inch plants. Compact, even habit. Ideal for pots as well as edging in the garden border. Illustrated in combination with Marigold Spun Gold, page 20.

Trade pkt. (1/16 oz.), 70c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; oz., \$6.00; 4 oz., \$18.00.

★**Fairy Pink.** Dwarf and compact habit, flowers delightful soft salmon-rose.
Trade pkt. (1/16 oz.), 60c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.20; 4 oz., \$18.50.

Imperial Dwarf White. 6 in.
Trade pkt. (1/16 oz.), 50c; 1/4 oz., \$1.40; oz., \$4.40; 4 oz., \$13.00.

★**Midget Blue.** Clear blue flower, dense small leaved plant. Uniformly dwarf plants covered with bloom.
Trade pkt. (1/16 oz.), 60c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.00; 4 oz., \$18.00.

Golden. (Lonas Inodora) 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings.
Trade pkt. (1/32 oz.), 50c; 1/16 oz., 80c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$8.00.

Acroclinium

ANNUAL 9,000 seeds oz. 68-86° 2-3 weeks

Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open. 20 in.
Trade pkt. (1/8 oz.), 35c; 1/4 oz., 60c; oz., \$1.80; 4 oz., \$5.25.

Agatheia

ANNUAL 27,000 seeds oz.

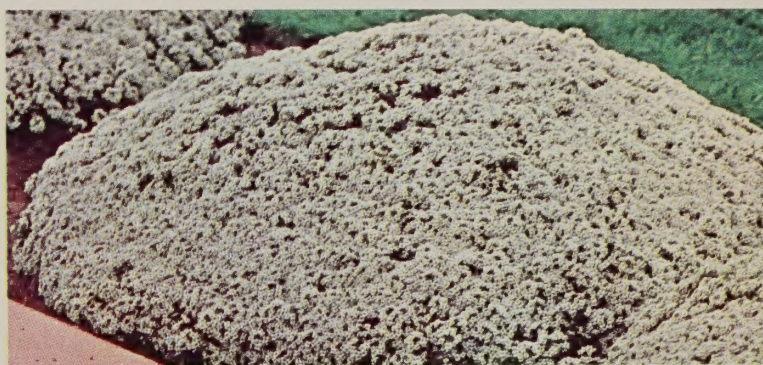
Expose to freezing temperatures for best germination results.

Coelestis (Blue Daisy). Very free flowering, fine for cutting. Start seed early. 30 in.
Trade pkt. (1/16 oz.), 35c; 1/4 oz., \$1.00; oz., \$3.00.

Aloe

ANNUAL 6,500 seeds oz. 65-75° 3-4 weeks

Variegata or "Partridge Breast Aloe," the finest and most favored quick growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity.
100 seeds, \$1.65; 500 seeds, \$7.20; 1,000 seeds, \$12.50.



ALYSSUM VAUGHAN'S CARPET OF SNOW

Alyssum

ANNUAL 60,000 seeds oz. 68° 2-3 weeks

A fragrant annual for combinations, bedding or edging. Does well in the poorest soil.

Instant Glamour

★**Vaughan's Carpet of Snow** (Snowcloth). Unsurpassed for uniformity of height and form. A neat compact edging plant, pure white flower.

1/4 oz., 35c; oz., \$1.00; 4 oz., \$3.00; lb., \$12.00.

Pink Heather (All America 1959). A soft lavender-pink that becomes a deeper pink with cool weather. Uniformly compact plant profusely covered with bloom from earliest Summer until late Fall.
Trade pkt., (1/16 oz.) 55c; 1/4 oz., \$1.65; oz., \$4.95; 4 oz., \$16.50.

★**Royal Carpet.** Rich violet-purple flowers profusely borne on spreading compact plants. So dense is the bloom, little or no foliage is seen.
Trade pkt. (1/16 oz.), 35c; 1/4 oz., 90c; oz., \$2.40; 4 oz., \$7.00; lb., \$21.00.

Violet Queen. Bright violet flowers; dwarf plant.
Trade pkt. (1/8 oz.), 30c; 1/4 oz., 45c; oz., \$1.40; 4 oz., \$4.20; lb., \$16.00.

Rosie O'Day. (All America Silver Medal 1961). Coming into flower early, blooms retain their deep rose-pink color throughout the entire blooming season. The dwarf compact plants are 3-4 inches in height with a spread of 10 inches at maturity. We supply Originator's Seed Only.
Trade pkt. (1/16 oz.), 85c; 1/8 oz., \$1.35; 1/4 oz., \$2.50; oz., \$7.50; 4 oz., \$25.00.

PERENNIAL 30,000 seeds oz. 68-86° 3-4 weeks

Free flowering rock garden or border plants that have proven perfectly hardy under our conditions.

Rock Garden Varieties Mixed. Many rare species mixed.
Trade pkt. (1/16 oz.), 55c; 1/8 oz., 90c; 1/4 oz., \$1.65; oz., \$5.00; 4 oz., \$15.00.

Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring.
1/4 oz., 40c; oz., \$1.20; 4 oz., \$3.60; lb., \$10.50.

Silver Queen (Sulphureum Citrinum). Pale lemon-colored flowers.
Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$10.00.

Amaranthus

ANNUAL 30,000 seeds oz. 68-86° 3-4 weeks

Prefer a dry sunny location in the outdoor garden. Water sparingly when once established.

Molten Fire. Fiery crimson and maroon.

★ **Tricolor Splendens.** Very beautiful foliage. 3 ft.

Each of the above: Trade pkt., ($\frac{1}{8}$ oz.), 35c; $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50; lb., \$13.50.

Anchusa

PERENNIAL Seeds, see below 68-86° 3-4 weeks

Italica Dropmore Variety. (1,100 seeds per oz.) Large, gentian-blue, excellent perennial for cutting, 6 ft.

Trade pkt., ($\frac{1}{8}$ oz.), 40c; $\frac{1}{4}$ oz., 70c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

Myosotidiflora. (10,500 seeds per oz.) × Exquisite blue forget-me-not flowers. April-May. 15 in.

Trade pkt., ($\frac{1}{32}$ oz.), 45c; $\frac{1}{8}$ oz., \$1.35; $\frac{1}{4}$ oz., \$2.50; oz., \$7.50; 4 oz., \$22.50.

Anemone

PERENNIAL 37,000 seeds oz. 68° 5-6 weeks

Slow and uneven of germination.

Pulsatilla. × The Pasque Flower. Violet flowers, whole plant covered with silky hairs, needs a dry situation. April to June. 12 in. Trade pkt., ($\frac{1}{16}$ oz.), 50c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50; 4 oz., \$16.00.

St. Brigid's Hybrids. (Irish Champions). Favored by commercial growers for lasting quality of the bloom, length of stem, brilliancy of colors. 18 in.

Trade pkt., ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.10; oz., \$3.30; 4 oz., \$10.00.

Anthemis

PERENNIAL 85,000 seeds oz. 68° 3-4 weeks

Kelwayii. (Tinctoria Perry's Variety). (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.

Trade pkt., ($\frac{1}{8}$ oz.), 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.20; 4 oz., \$3.50; lb., \$10.50.

Arabis

PERENNIAL 160,000 seeds oz. 68° 3-4 weeks

Alpina. White flowers in dense masses. 1 ft.

Trade pkt., ($\frac{1}{8}$ oz.), 40c; $\frac{1}{4}$ oz., 60c; oz., \$1.80; 4 oz., \$5.50.

Alpina Rosea. Pink, 1 ft. Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00; 4 oz., \$12.00.

Nana Compacta Snow Cap. Shining snow white compact cushions 8-in. Trade pkt., ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Aralia

ANNUAL 68° Slow and uneven to germinate.

Sieboldi. (New seed ready in March.)

100 seeds, 40c; 1,000 seeds, \$3.30.

★ Arctotis

ANNUAL 3,700 seeds oz. 68° 3-4 weeks

Large Flowering Hybrids. Flowers resemble those of Gerbera. Numerous beautiful colors. 2½ to 3 in. across in shades of apricot, bronze, brown, pink, red, scarlet and yellow besides pure white. 1 ft.

Trade pkt., ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50; 4 oz., \$13.00.

Armeria

PERENNIAL 12,000 seeds oz. 68° 2-3 weeks

Formosa Large Flowering Hybrids. 2 ft.

Trade pkt., ($\frac{1}{16}$ oz.), 50c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50; 4 oz., \$13.00.

Glory of Holland. Giant Pink. Clear, deep pink flowers. Extra fine for cutting. Trade pkt., ($\frac{1}{32}$ oz.), 70c; $\frac{1}{8}$ oz., \$2.20; $\frac{1}{4}$ oz., \$4.00; oz., \$12.00; 4 oz., \$36.00.

Asclepias

PERENNIAL 4,500 seeds oz. 68-86° 3-4 weeks

Tuberosa. (Butterfly Weed). Umbels of varying orange colored flowers. Lasts well when cut. 24 in.

Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00; 4 oz., \$12.00.

Asters

See Pages 4-5



AQUILEGIA MCKANA HYBRIDS

Aquilegia × (Columbine)

PERENNIAL 17,500 seeds oz. 68-86° 3-4 weeks

The Columbine (Aquilegia) flower does not hold up well for shipping. However, it has definite cutflower value, particularly for the retail grower. Try forcing a few. Pot up a few first year plants from the field, store in a cool house or frame until February 1st and grow on at a low temperature increasing gradually to 50 degrees.

Coerulea Blue. × Sky-blue with white corolla. Rocky Mt. Columbine. Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00; 4 oz., \$12.00; lb., \$36.00.

Coerulea Mrs. Nicholls. Deep blue and bolder flower than Coerulea blue. Trade pkt., ($\frac{1}{16}$ oz.), \$1.00; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; oz., \$9.00; 4 oz., \$27.00.

Rose Queen. Shades of rose with white corolla, 30 in.

Trade pkt., ($\frac{1}{16}$ oz.), 55c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.40; 4 oz., \$13.25.

Longissima. Long-spurred delicate yellow.

Trade pkt., ($\frac{1}{32}$ oz.), \$1.10; $\frac{1}{16}$ oz., \$1.80; $\frac{1}{8}$ oz., \$3.30; $\frac{1}{4}$ oz., \$6.00; oz., \$18.00.

Long-Spurred Blue Shades.

Trade pkt., ($\frac{1}{16}$ oz.), 70c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00; 4 oz., \$18.00.

Celestial Blue. Large flowered, long spurs. Petals rich blue, corolla and spurs lighter blue. Introducer's Trade pkt., 75c.

Chrysantha. Light chrome-yellow, fine, 36 in.

Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.20; oz., \$3.60; 4 oz., \$10.75.

Chrysantha Silver Queen (Snow Queen). Long-spurred silvery white, 2 ft.

Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.20; oz., \$3.60; 4 oz., \$10.75.

Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems. Varies.

Trade pkt., ($\frac{1}{16}$ oz.), \$1.00; $\frac{1}{8}$ oz., \$1.65; $\frac{1}{4}$ oz., \$3.00; oz., \$9.00; 4 oz., \$27.00.

McKana Hybrids. Large flowers, long spurs and a rich beautiful color range make this an important addition to the perennial group for garden and cutting. Strong bushy plants with striking terminal flowers on long wiry stems above the lacy foliage. 3 ft. Trade pkt., ($\frac{1}{16}$ oz.), \$1.00; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; oz., \$9.00; 4 oz., \$27.00.

Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc. Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00; 4 oz., \$12.00; lb., \$36.00.

Begonias from Seed

ANNUAL 30,000 seeds $\frac{1}{32}$ oz. 68° 2-3 weeks

Because of their being adaptable to all growing conditions, Begonias are rapidly forging ahead as one of the most popular pot plants. Do equally well in the home, where light and heat conditions are not at their best, also as bedding plants for the partially shaded spot in the garden.

Use a non-acid peat for germination; do not cover seed, except with paper, until they sprout. Keep surface of flat moist.

Monthly sowings from August to March will insure ample supply of plants to take care of customer needs. A December-January sowing will provide nice 3 in. plants for May bedding sales and combination work.

Begonia seedlings will burn if exposed to full sun. Recommend the use of a good, well shaded house high in humidity.

Begonias FIBROUS-ROOTED

DWARF, 6 TO 8 INCHES

Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive.

Ball Deep Rose. Rich rosy-red fading to a bright luminous pink as weather becomes warmer.

Ball Red. Medium large flowers of bright scarlet-red. Fairly dwarf in growth, and of uniformly rounded habit.

Dwarf Luminosa. Bright scarlet, free flowering, Excellent pot plant.

★**King of the Reds**. Very dwarf glowing scarlet, foliage, green edged bronze.

Snowbank. Large glistening white flowers cover the dense growing plant. Foliage light green. The best dwarf white.

Each the above 6: Trade pkt. (1/128 oz.), \$1.75; $\frac{1}{64}$ oz., \$3.25; $\frac{1}{32}$ oz., \$6.00.

Vaughan's Special Mixture of Dwarf Varieties for pots and bedding. Trade pkt., (1/128 oz.), \$1.50; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

MEDIUM, 9 TO 11 INCHES

Carmen. Bright rose flowers, bronze foliage.

★**Indian Maid**. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.

★**Luminosa**. Deep dark scarlet flowers, foliage reddish brown.

Scandinavia Pink. Large free flowering rose-pink. Plants of good branching habit. Foliage dark green tinged with bronze.

Scandinavia Red. A free flowering scarlet-red with dark bronze foliage.

Scandinavia White. The pure white flower is a striking contrast to the light green foliage and reddish color of its stem. Free flowering.

Vaughan's Special Medium Tall Mixture. A formula blend consisting of the above colors.

Each the above 7: Trade pkt. (1/128 oz.), \$1.50; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

TALL, 12 INCHES AND UP

Christmas Cheer Red. Large flowers of deep crimson-scarlet, light bronze foliage. Trade pkt., (1/128 oz.), \$1.10; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.75.

Vaughan's Special Mixture of all Varieties.

Trade pkt., (1/128 oz.), \$1.00; $\frac{1}{64}$ oz., \$1.80; $\frac{1}{32}$ oz., \$3.00.

Begonia

Double Tuberous Rooted

Sow December 1st to 15th and have 4's for bedding sales in May. Keep growing in at least a 65 degree house, particularly in the seedling and small plant stage. Later 60 degree temperature will do nicely.

Vaughan's Special Mixture. This cream of a specialist's collection contains the lovely camellia and rose-flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Leaflet on culture supplied with seed. Trade pkt., (1000 seeds), \$3.50.



BEGONIA ORGANDY CHOICE MIXED

Heterosis (F-1 Hybrid) Strains

Seed of the Heterosis (F-1 Hybrid) is produced by the same method as Hybrid Snapdragons and Petunias. Because of their strong growing qualities, the F-1 Hybrids make good bedding plants even in full sun while in partial shade they are unexcelled.

★**Organdy Choice Mixture**. Shades of red, pink and white. Plants of uniform compact habit. Hybrid vigor making them particularly adaptable to outdoor bedding, even in full sun. Trade pkt., (2000 seeds), \$1.50.

★**Pink Pearl**. Of dwarf, compact habit—6 to 8 inches high. One of the best for pot culture. The plants form perfect balls and the rich pink flowers are carried well above the fresh green foliage. Trade pkt., (2000 seeds) \$1.50.

Red Pearl. Differs from Pink Pearl only in color which is a brilliant dark-scarlet. Trade pkt. (2000 seeds), \$1.50.

★**Thousand Wonders** (Tausendschon). Flowers lustrous rose, absolutely even in growth and color. Plants are one mass of bloom. Trade pkt., (2000 seeds), \$2.00.

★**Thousand Wonders Red** (Red Tausendschon). Rich carmine scarlet. Trade pkt., (2000 seeds), \$2.00.

★**Thousand Wonders White** (White Tausendschon). Pure white flowers in abundance. Dwarf compact plants. Trade pkt., (2000 seeds), \$2.00.

BEGONIA

Rex Hybrids. An outstanding mixture producing a wide range of ornamental leaved Rex Type. Trade pkt. (1000 seeds), \$2.50.

Asparagus

ANNUAL 750 seeds oz. 68-86° 4-6 weeks

Cracking seed coat with a knife may increase and assist germination. Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us.

Plumosus Nanus.

Sprengeri.

Each of the above 2: 100 seeds, 40c; 250 seeds, \$1.00; 1,000 seeds, \$3.00; 5,000 seeds, \$10.00; 10,000 seeds, \$18.00.

Aubrietia

PERENNIAL 150,000 seeds oz. 54° 2-3 weeks.

Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in.

Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00; 4 oz., \$12.00.

Leichtlini. × Large-flowered, rosy-purple.

Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00; 4 oz., \$12.00.

New Giant Hybrids. Full petalled types equal to the best named varieties. Superior in size and color range to any other strain raised from seed. Trade pkt., ($\frac{1}{16}$ oz.), 60c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.80; oz., \$5.75.

Asters WILT-RESISTANT

ANNUAL 12,000 seeds oz. 68° 2-3 weeks

Asters in the Greenhouse

The off-season production of Asters as a greenhouse crop is proving most profitable. While Asters can be flowered all year on a schedule similar to the one used for "Mums," it is as an early Spring and Summer cutflower they are at their best.

Requirements are simple: a night temperature of 50° and the use of additional lighting from the seedling stage until plants are 20 to 24 inches tall. We recommend the use of 60 watt bulbs with reflectors spaced 5 ft. apart (the lighting arrangement as you have it set up for Mums will do nicely). Additional lighting must be given from September 1st to May 1st, or until the first flowers show color, and from sunset to 10:30 P.M. At other times the natural light is sufficient.

The Giant Incurved Aster has proven most popular for this purpose, with heavy demand for the White, Rose Pink and Shell Pink. Use sterilized soil and space plants 8 x 8 inches.

A portion of Ohio State's recommended growing schedule follows and is readily adaptable where the suggested 50° night temperature is maintained.

We find this schedule works out satisfactorily in most areas. However, there is apt to be more variation from year to year than with Mums.

SOW SEEDS	POT	BENCH	APPROXIMATE FLOWERING DATE
December 20	January 10	March 1	May
February 1	February 20	April 1	June
March 15	April 1	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September



ASTER PINK LADY

Dwarf Asters in Pots

These new pot plant Asters should be given additional light from seedling stage until plants are 20 to 24 inches tall. We recommend using lights from sunset until 10:30 P.M. Use 60 watt bulbs with reflectors spaced 5 ft. apart, or use the lighting arrangement as set up for your Mum planting.

In keeping quality, both as a cutflower or pot plant, the Aster compares favorably with the Mum. Add to this a wide range of color, white to darkest red and deepest blue.

Sow seed in December and January for April and May flowering. Much in demand for Easter and Mother's Day.

Gerhart Hauptmann

Bushy plants covered with ball-like double flowers of a striking cinnabar-red.

Trade pkt., (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$10.00.

FOR GREENHOUSE AND



GIANT INCURVED

Aster Giant Incurved

A new strain of large, full-double flowers on long stems. Highly resistant to wilt. Very fine bedding strain, exceptional as cut-flowers.

Azure. Clear light blue, the smallest flower of all. Blooms August 20.

Phlox Pink. Medium large flowers of soft peachblossom pink. Blooms September 1.

Pure White. Outstanding in our Cloth House Trials. Blooms August 25.

Purple Ball. The large incurved flowers are similar to the Rose Pink except for the bright purple color. Blooms August 20.

Rose Pink. Rich deep rose. Blooms August 25.

Scarlet Ball. A fine full-double flower in the popular Heart of France color. Flower slightly smaller than others in the group. A new color much needed in the Giant Incurved Asters.

Shell Pink. Soft shell pink, rarely shows centers under our conditions. Excellent flowered under lights. Blooms August 20.

Mixed. Our own **Formula Blend** in just the right color proportions.

Each of the above, trade pkt., (1/16 oz.), \$1.00; 1/4 oz., \$3.00; oz., \$9.00.

ASTER PINK LADY

This new florist cutflower Aster is a rich glowing salmon pink. Solid double flowers, the broad incurved petals completely covering the center. Large blooms, averaging 3 to 4 inches across, are freely produced on husky stems. Branching type, tall vigorous plants. A color long missing in Asters. 3 ft. Long lasting when cut.

Trade pkt. (1/16 oz.), \$1.00; 1/4 oz., \$3.00; oz., \$9.00.

**Instant
Glamour**

Aster Dwarf Queen

An early flowering, base branching plant with flowers of good size. Freely produced. **Illustrated on page 5.**

Crimson

Rose

Scarlet

Deep Blue

Light Blue

White

Dwarf Queen Formula Mixed, all the above.

Each of the Above: Trade pkt., (1/8 oz.), 85c; 1/4 oz., \$1.50; oz., \$4.50; 4 oz., \$15.00; lb., \$45.00.

OUTDOOR GROWING

Aster

GIANT (AMERICAN) BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	Pink (Shell)	Sensation (deep red)
Deep Rose	Lavender	Purple White

Giant Branching Formula Mixed.

Each of the above: Trade pkt., (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

CREGO

Large, feathery, fully double flowers on robust branching 2 1/2 foot plants. Comes into bloom in mid-August and continues well into September. A splendid keeper and shipper.

Azure Blue	Crimson	Purple
Blue Flame	Deep Rose	Pink (Shell)
Crego Formula Mixed		White

Each of the above: Trade pkt., (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

SUPER GIANT—3 Feet

An Improved Giants of California. The largest Aster now bred to show resistance to Wilt. Giant ostrich-feather flowers with long, sturdy, non-lateral stems are valuable as cutflowers. An excellent "giant" that blooms from late summer to frost.

Beverly Hills. Azure blue	Los Angeles. Shell pink
El Monte. Crimson	Pasadena. Peachblossom
Hollywood. Pure paper white	Santa Barbara. Dark purple
Mixed. A full range of color	

Each of the above: Trade pkt., (1/8 oz.), 70c; 1/4 oz., \$1.25; oz., \$3.75; 4 oz., \$11.00.

BOUQUET TYPE—2 Feet

The plant habit is upright, quilled blooms are produced in clusters on top of long sturdy stems. This variety of Aster being well regarded by cutflower growers. The entire plant may be cut as one attractive bouquet. Very early.

Powderpuffs Mixed. A complete range of bright interesting colors. Trade pkt., (1/8 oz.), 85c; 1/4 oz., \$1.50; oz., \$4.50; 4 oz., \$15.00; lb., \$45.00.

ASTER
DWARF QUEEN

OUTDOOR ASTER GROWING

The most widely advertised Wilt Resistant Aster will show no resistance to Wilt when grown in badly infected soil. We suggest a different location each year for your Aster planting, as well as steam sterilization of soil. Sow seed six weeks before planting out date and three weeks after seed sowing the seedlings should be put into Val-Peat Pots and three weeks later they will be ready for planting out. Space a foot apart in beds to insure a working area to set up wire or string supports. A cloth or plastic covering will provide protection against the leaf hopper who spreads Aster Yellow. An occasional spraying or dusting of your planting with Parathion should protect your Asters from infection. We recommend the use of Parathion only for those experienced with it. D.D.T., although not quite as effective, is recommended where safety is a factor.

QUEEN OF THE MARKET

The Standard Early-Flowering Type

The earliest of all Asters, widely used for early market cutting. Plants 20 in. tall, long stemmed medium sized flowers.

Azure Blue	Crimson	Dark Blue (Purple)
Flesh Pink	Rose	White

Queen of Market Formula Mixed

Each of the above: Trade pkt., (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Lavender (Azure Blue)	Rose-Pink
Purple	Shell Pink
Royal Formula Mixed	White

Each of the above: Trade pkt., (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

Heart of France. Medium sized blooms of glowing ruby-red. A reselected strain.

Trade pkt., (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$27.00.

ASTERS IN MIXTURE

California Giant Sunshine Mixed. The yellow quilled center provides a striking contrast to the single row of colored outer petals. Giant flowers, 4 to 5 inches across, on 3 ft. plants. Long stiff stems, fine for cutting.

Trade pkt., (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$32.00.

Early Giant Formula Mixed. An early type of Giants of California coming into bloom 4 to 5 weeks ahead of the regular strain. Extra large flowers, long, strong stems. Includes all the popular Aster colors. 1 1/2 ft.

Trade pkt., (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$32.00.

Princess Formula Mixed. The full crested center is surrounded by several rows of strong guard petals. Early and free flowering; the blooms last long when cut. A complete range of color. 2 ft.

Trade pkt., (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$27.00.

Vaughan's Florists' Mixture Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors.

Trade pkt., (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

Single Chinese Rainbow Mixture. Wilt-Resistant. A mid-season variety, growing 24 to 30 inches tall. It has a good sized single Aster flower in a range of colors almost exclusively, various shades of light blue, dark blue and even violet, rose and crimson. There is no white in the mixture and no flesh pink. Upright growth. Trade pkt., (1/8 oz.), 35c; 1/4 oz., 50c; oz., \$1.50; 4 oz., \$4.50.

Aster Perennial

PERENNIAL 15,000 seeds oz. 68° 2-3 weeks

Alpinus. Fine light blue, 1 1/3 ft.

Trade pkt., (1/16 oz.), 65c; 1/8 oz., \$1.10; 1/4 oz., \$1.95.

Goliath. X Soft blue, largest-flowered, fine, 15 in.

Trade pkt., (1/32 oz.), 80c; 1/16 oz., \$1.40; 1/8 oz., \$2.20; 1/4 oz., \$4.00; oz., \$12.00.

Mixed. Blue and white flowers with a rich yellow center. Very large and early; plants uniform and compact. 12 in.

Trade pkt., (1/16 oz.), 65c; 1/8 oz., \$1.10; 1/4 oz., \$1.95.

Large Flowering Varieties Mixed. Large flowers in a mixture of blue, rose and purple shades. Fall flowering, rich and attractive. 5 ft. Trade pkt., (1/16 oz.), 65c; 1/8 oz., \$1.15; 1/4 oz., \$2.00; oz., \$7.00.





A TRIAL GROUND PLANTING OF ORNAMENTAL BASIL
"DARK OPAL" THAT CAUSED MUCH COMMENT

Balsam

ANNUAL 3,000 seeds oz. 68° 3-4 weeks

BUSH FLOWERING. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots these make nice plants in bloom for spring sales.

Scarlet (Torch) Rose White Reflected Rose

Mixed. Includes the above.

Each of the above 4: Trade pkt., ($\frac{1}{8}$ oz.), 45c; $\frac{1}{4}$ oz., 70c; oz., \$2.50; 4 oz., \$7.50; lb., \$22.00.

COLOR PARADE

This new "Tom Thumb" mixture is more dwarf and compact than the regular strain. Large double blooms, in a wide range of brilliant colors, are displayed well above the foliage. 10 in. Trade pkt. ($\frac{1}{8}$ oz.), \$1.00; $\frac{1}{4}$ oz., \$1.80; oz., \$5.40.

BALSAM (Lady Slipper). Short stemmed double flowers closely set along the length of the stems. Foliage a rich green.

Double Rose Flowered Mixed. 18 in.

Double Camellia Flowered Mixed. 18 in.

Each of the above 2: Trade pkt., ($\frac{1}{4}$ oz.), 35c; oz., \$1.00; 4 oz., \$3.00; lb., \$9.00.

Baptisia

PERENNIAL 1,700 seeds oz. 68°

Slow and uneven to germinate.

Australis. (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft.

Trade pkt., ($\frac{1}{8}$ oz.), 40c; $\frac{1}{4}$ oz., 60c; oz., \$2.00; 4 oz., \$7.00.

Bellis Perennis × (English Daisy)

PERENNIAL 192,000 seeds oz. 68° 1-2 weeks

MONSTROSA. Much used for early summer bedding as well as combination work in Spring. Although a perennial, it is usually treated as an annual.

Double Pink

Double White

Double Crimson. Definitely red

Double Mixed

Each of the above: Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00; 4 oz., \$12.00.

SUPER ENORMA

An improved strain with ball-shaped fully double flowers measuring $2\frac{1}{2}$ to 3 inches across. Blooms slightly later than Monstroza with not quite so long a flower stem.

Mixed. A well-balanced blend which includes crimson, rose, salmon and white.

Trade pkt., ($\frac{1}{32}$ oz.), 70c; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.75; oz., \$10.00.

Ornamental Basil

ANNUAL 20,000 seeds oz. 65° 2 weeks

Instant Glamour

"Dark Opal". Bronze Medal All America 1962. The small lavender-white flower, on its slender spike, is in striking contrast to the attractive dark purplish-bronze foliage. Very uniform plant habit with an average height of 15 inches and a spread of 12 inches. For borders and mass planting. Developed at the University of Connecticut Experimental Station. We offer the Introducer's seed.

Trade pkt. ($\frac{1}{16}$ oz.), \$1.00; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.15; oz., \$9.35; 4 oz., \$31.20.

Bell of Ireland

ANNUAL 7,000 seeds oz. 86° 2-3 weeks

Graceful 2 ft. branching stems surrounded with 2 inch bell-like flowers of a delicate green. The white calyx provides interesting contrast. Widely used in flower arrangements, either as a fresh cut-flower or dried for winter bouquets.

Trade pkt., ($\frac{1}{8}$ oz.), 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Broom Hybrids

PERENNIAL 5,500 seeds oz. 70-80° 6-8 weeks

The shrub-like plant is covered with 1 inch sweet pea-like flowers in a range of bright colors. Very hardy, grows well in poor soil, prefers full sun. 4-5 ft.

Trade pkt., ($\frac{1}{16}$ oz.), 80c; $\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.50.



BROWALLIA SPECIOSA MAJOR

Browallia

ANNUAL 65,000 seeds oz. 68° 2-3 weeks

Speciosa Major Blue. Large deep blue flowers, $1\frac{1}{2}$ inches across. The flower stems average 10 to 12 inches. Fine for pots.

Trade pkt., ($\frac{1}{64}$ oz.), \$1.20; $\frac{1}{16}$ oz., \$3.60; $\frac{1}{8}$ oz., \$6.60; $\frac{1}{4}$ oz., \$12.00.

Cacalia (Tassel Flower)

ANNUAL 56,000 seeds oz. 68° 2-3 weeks

Flowers of scarlet or gold on branching stems, fluffy tassels, less than half an inch in diameter. Blooms until heavy frost. Fine for mixed bouquets, 2 ft.

Mixed. Scarlet and yellow.

Trade pkt., ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$11.00; lb., \$40.00.

Cactus Seed

ANNUAL 30,000 seeds oz. 75-80° 6 weeks

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

Cereus (Column-cacti). Mixed. 100 seeds, 60c; 1000 seeds, \$4.40.

Echinocactus (Hedgehog-cacti). Mixed.

100 seeds, \$1.35; 1000 seeds, \$11.00.

Mammillaria (Wart-cacti). Mixed.

100 seeds, \$1.00; 1000 seeds, \$8.25.

All kinds and forms mixed. Trade pkt., ($\frac{1}{32}$ oz.), 70c; $\frac{1}{8}$ oz., \$2.20; $\frac{1}{4}$ oz., \$4.00; oz., \$12.00.

Calceolaria

ANNUAL 20,000 seeds $\frac{1}{32}$ oz. 68° 2-3 weeks

In sowing Calceolaria seed, use only loose, sterilized material. Responds best when a night temperature of 60° is maintained. Seed being very fine does not require soil covering. During bud development period a temperature of not over 50° is recommended (Cornell University). When plants are of sufficient size to handle, put into small Val-Peat Pots, later shifting to 4 or 5 inch pots. A regular insect spraying program should be instituted and we recommend the use of Parathion. Calceolaria are most susceptible to aphids. Give some shade from late February on and water planting only when dry. Too much water causes yellowing of foliage.

★ **Hybrids Mixed (F-1 Multiflora Nana. Gilbert's).** Large flowerheads, good stems and a brilliant range of color which includes reds, yellows, bronze and pastels from solid to mottled. Good foliage and earliness of bloom as well as a compact flowerhead on not too large a plant combine to make this one of the most desired pot plant varieties. Trade pkt., \$3.50.

★ **Triumph Strain.** A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. Trade pkt., (1/128 oz.), \$1.50; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

Multiflora Nana Mixed. The average size of the blooms is only $1\frac{1}{2}$ inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock. Trade pkt., (2500 seeds) \$1.50; 1/128 oz., \$2.75; $\frac{1}{64}$ oz., \$5.00; $\frac{1}{32}$ oz., \$9.00.

★ **Gilbert's Multiflora Nana Mixed.** A Specialist's selection from the Type. Bright gay colors, plants uniform and compact, very free flowering. Introducer's Trade pkt., \$2.50.

Calendulas

ANNUAL 5,200 seeds oz. 68-86° 2-3 weeks.

HEAT RESISTANT BEDDING VARIETIES

Uniformly large flowers of good formation, long straight stems and quite resistant to summer heat.

Apricot Beauty. An attractive two-toned rich apricot.

Cream Beauty. Creamy-white, shading to soft yellow.

Flame Beauty. Clear deep orange, a color identical to that of Orange King. Large blooms, somewhat crested centers make this a striking addition to the Pacific Beauty family.

Lemon Beauty. Pure lemon yellow, wide incurving petals.

Persimmon Beauty. A true persimmon-orange of unusual size and brilliance, with long graceful petals.

Pacific Beauty Mixed. A blend of above.

Each of the above 6: $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50.

GREENHOUSE FORCING VARIETIES

These improved varieties, while mainly grown in the greenhouse, can also be grown outdoors for cutting. Sow in January for spring flowering. For mid-winter cut, sow August-September.

Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape.

Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in Orange Improved.

Lemon Queen Improved. Lemon yellow with dark eye.

Masterpiece. Extra long-stemmed, deep orange-brown center.

Each of the above 4. $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50.

Vaughan's Special Mixture for greenhouse forcing.

$\frac{1}{4}$ oz., 40c; oz., \$1.20; 4 oz., \$3.60.

STANDARD BEDDING VARIETIES

Chrysanth. Incurved petals of clear buttercup yellow.

Lemon Queen Light Eye. Light golden yellow.

Orange King Select. Deep orange, dark center.

Radar. Very large, medium orange, quilled type flower. Excellent for cutting.

Each of the above 4: $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50.

Vaughan's Special Mixture of bedding varieties.

$\frac{1}{4}$ oz., 35c; oz., \$1.10; 4 oz., \$3.30.



CAMPANULA
PERSICIFOLIA
BLUE

Campanula

ANNUAL 50,000 seeds oz. 68-86° 2-3 weeks

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

Annual Canterbury Bells Mixed.

Trade pkt., ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50.

BIENNIAL 125,000 seeds oz. 68-86° 2-3 weeks

Easily forced in the greenhouse for Spring cutflowers.

Medium Calycanthema. (Cup and Saucer). 36 in.

Dark Blue

White

Rose

Mixed

Each of the above 4: Trade pkt., ($\frac{1}{16}$ oz.), 30c; $\frac{1}{4}$ oz., 75c; oz., \$2.20; 4 oz., \$6.60.

Lilac

Trade pkt., ($\frac{1}{16}$ oz.), 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$10.00.

Medium Single (Canterbury Bell). 36 in. **Mixed.**

Trade pkt., ($\frac{1}{8}$ oz.), 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.00; 4 oz., \$3.00.

Medium Double Mixed

Trade pkt., ($\frac{1}{16}$ oz.), 30c; $\frac{1}{4}$ oz., 80c; oz., \$2.75; 4 oz., \$7.00.

PERENNIAL Seeds, see below. 68-86° 2-3 weeks

Carpatica. × (Hare Bell). (350,000 seeds per oz.) Forms a quickly-widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in.

Trade pkt., ($\frac{1}{32}$ oz.), 35c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50.

Persicifolia. (340,000 seeds per oz.). (Peach Bell). 30 in. Bell-shaped flowers on stiffly erect stems.

Alba. White, fine.

Coerulea Blue.

Telham Beauty. Large bells of China blue, varies.

Each above 3: Trade pkt., ($\frac{1}{32}$ oz.), 40c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$1.95.

Wedgewood. Large flowers of deep violet blue. Does well in full sun or partial shade. Trade pkt., ($\frac{1}{32}$ oz.), 40c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$1.95.

Mixed. Trade pkt., ($\frac{1}{32}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.40; oz., \$4.20; 4 oz., \$12.00.

Perennial Varieties Mixed.

Trade pkt., ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.75.

Rock Garden Varieties Mixed.

Trade pkt., ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.60.

Calliopsis

ANNUAL 100,000 seeds oz. 65-75° 2-3 weeks

Dwarf Mixed. Single dwarf compact, shades of red and yellow and bicolor combinations of the same colors.

Trade pkt., ($\frac{1}{8}$ oz.), 40c; $\frac{1}{4}$ oz., 60c; oz., \$1.80.

Callirhoe

PERENNIAL 7200 seeds oz. 68-86° 3-5 weeks

Involucrata. × Large crimson flowers, trailing habit, very showy, 6 in. Trade pkt., ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25.



CARNATION CHABAUD "GLAMOUR" MIXED

Carnation

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

From an early outdoor planting, these strains produce a nice crop of summer cutflower Carnations. Give some support. A garden favorite in cool climates.

Chabaud Giant Improved

The finest strain for outdoor bedding.

★ **Copper Red** (Salmon Rose)

★ **Deep Rose**

Flesh-Pink

Maroon (Nero)

Rose-Pink

★ **Scarlet** (Cardinal)

Violet

★ **White** (Jeanne Dionis)

Yellow (Marie Chabaud)

Fantasy. Striped and variegated mixed colors.

Orange Sherbet. Deeply lacinated petals, striped and flushed with scarlet on an orange-apricot ground.

**Instant
Glamour**

Chabaud "Glamour" Mixed. Our special formula blend which includes the newer varieties.

Each of the above: Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.20; oz., \$3.60; 4 oz., \$10.00; lb., \$36.00.

Enfant de Nice

Compact growth, flowers up to 2 $\frac{3}{4}$ inches in diameter on strong stiff stems, without disbudding.

White **Salmon** **Rose** **Red** **Yellow**

Mixed. From varieties noted above.

Each of the above: Trade pkt., ($\frac{1}{32}$ oz.), 50c; $\frac{1}{4}$ oz., \$2.50; oz., \$7.50; 4 oz., \$22.00.

Margaret Double Mixed. A free flowering summer strain. An abundance of bloom on good stems. Blooms in five months from sowing. Very fragrant.

Trade pkt., ($\frac{1}{16}$ oz.), 30c; $\frac{1}{4}$ oz., 65c; oz., \$2.00; 4 oz., \$6.00; lb., \$20.00.

★ **Vaughan's Special Mixture.** A mixture of Enfant de Nice, Giant Margaret Mixed and Chabaud Giant Improved.

Trade pkt., ($\frac{1}{16}$ oz.), 65c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00; 4 oz., \$18.00; lb., \$55.00.

Carnation

PERENNIAL 14,000 seeds oz. 68° 2-3 weeks

Large flowers, profuse bloomer. The best cutting strain.

Grenadin Golden Sun. (White Gold). Golden yellow.

King of the Blacks. Darkest red, very fine.

Red. (Cardinal), scarlet.

White

Triumph Rose. Deep pink.

Mixed. A formula blend.

Each of the above: Trade pkt., ($\frac{1}{16}$ oz.), 75c; $\frac{1}{8}$ oz., \$1.35; $\frac{1}{4}$ oz., \$2.20; oz., \$6.60; 4 oz., \$20.00; lb., \$60.00.

Grenadin Dwarf. Extra early. 15 inches.

Bright Scarlet. Double flowers of rich intense scarlet. Blooms from seed the first year if sown early. Very uniform.

Trade pkt., ($\frac{1}{16}$ oz.), 75c; $\frac{1}{8}$ oz., \$1.35; $\frac{1}{4}$ oz., \$2.20; oz., \$6.60; 4 oz., \$20.00; lb., \$60.00.

Choice Mixture. Early Vienna Type, nice range of color.

Trade pkt., ($\frac{1}{16}$ oz.), 65c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00; 4 oz., \$18.00; lb., \$55.00.



CELOSIA JEWEL BOX

Celosia

ANNUAL 29,000 seeds oz. 68-86° 1-2 weeks

One of the finest and most colorful annuals for spring plant sales. Avoid pre-mature bloom with small flower heads by making seed sowing not sooner than 6 weeks before planting out time. Grow warm—suggest 60° nights.

CRISTATA. The popular Cockscomb type. Use the taller varieties as cutflowers, either fresh cut or dried. The dwarfs make nice pot plants in summer.

**Instant
Glamour**

Jewel Box. A bright mixture of all the popular Celosia colors. Dwarf compact plants, large comb-like flowers that stand up nicely above the lush green foliage.

Plants are in bloom when but a couple inches high, making them ideal for early flat sales. Excellent for combinations or use in the garden border.

Trade pkt. ($\frac{1}{64}$ oz.), \$1.00; $\frac{1}{32}$ oz., \$1.80; $\frac{1}{16}$ oz., \$3.25.

Empress. Crimson combs, dark foliage. 12 in.

Trade pkt., ($\frac{1}{8}$ oz.), 45c; $\frac{1}{4}$ oz., 70c; oz., \$2.50; 4 oz., \$7.50.

Giant Rose Beauty Improved (Gilbert). Ruffled ball-shaped flower head of bright rose pink on silver base. 3-4 ft.

Gold Dust (Gilbert) Rich yellow with silvery sheen turning to deep gold or chartreuse as it matures.

Green Gold (Gilbert). Silver green fused with light pink and a touch of yellow. Bright green foliage.

Harlequin (Gilbert). Pinkish gold turning to salmon and as it matures becomes a bright shell pink.

Maple Gold (Gilbert). Blooms of attractive pink tipped yellow.

New Penny (Gilbert). Varies from deep to light pink with an overall sheen of gold deepening to brilliant copper.

Each the above 6: Originator's Trade pkt., (300 seeds). 75c.

Toreador. Large combs, averaging 12 in. across of bright red with scarlet highlights. Stems stiff and sturdy, with luxurious bright green foliage. Excellent for bedding or cutting. Holds color well when dried, 18-20 in.

Trade pkt., ($\frac{1}{16}$ oz.), 75c; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00; 4 oz., \$18.00.

Tall Sorts, Mixed.

Trade pkt., ($\frac{1}{8}$ oz.), 35c; $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50.

Dwarf Sorts. Extra choice mixed.

Trade pkt., ($\frac{1}{8}$ oz.), 45c; $\frac{1}{4}$ oz., 70c; oz., \$2.50; 4 oz., \$7.50.

PLUMOSA. The plumed or feathery type with spire-like branches coming from the base of the plant. The taller strains are useful cutflowers in late summer. Dwarf sorts are outstanding for their brilliance in the garden border where a striking effect is desired.

Forest Fire. The plumes of a brilliant fiery orange-scarlet are in striking contrast to the bronzy red foliage. Uniform in habit, very showy. 2 $\frac{1}{2}$ ft. Trade pkt., ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00.

★ **Golden Fleece.** Clear golden yellow feathery spikes on good stems. Trade pkt., ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00.

★ **Scarlet.** Trade pkt., ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.35; oz., \$4.00.

Thompson Magnifica Mixed. (Pride of Castle Gould Mixed). Trade pkt., ($\frac{1}{8}$ oz.), 45c; $\frac{1}{4}$ oz., 70c; oz., \$2.20; 4 oz., \$6.00.

DWARF FEATHER VARIETIES. An outstanding bedding plant where dwarf, strong color accent is wanted. For combinations, and pots. Very striking. 12 in.

Fire Feather. Fiery red plumes.

Golden Feather. Rich golden yellow plumes.

Feather Mixture. Our own formula blend of the above.

Each of the above 3: Trade pkt., ($\frac{1}{16}$ oz.), 50c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.40; oz., \$4.40.

Canary Bird Vine

ANNUAL CLIMBER 2 weeks.

Canary yellow flower, with finely cut and fringed foliage. Does well in shade. $\frac{1}{4}$ oz., 40c; oz., \$1.00; 4 oz., \$3.00; lb., \$9.00.

Candytuft

ANNUAL 9,000 seeds oz. 68-86° 1-2 weeks

Fairy Mixed (dwarf compact). 8-in. Dome-like plants, neat, dwarf and compact. The color range includes rose, pink, carmine, crimson, lavender, flesh pink and white. The uniform growth gives the appearance of a rich carpet of color. For pots and combinations. Very early.

Trade pkt., ($\frac{1}{8}$ oz.) 45c; $\frac{1}{4}$ oz., 75c; oz., \$2.00; 4 oz., \$6.00.

★ **Giant Hyacinth-Flowered Select, Pure White.** This is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mother's Day.

Trade pkt., ($\frac{1}{4}$ oz.) 30c; oz., 90c; 4 oz., \$2.50; lb., \$9.00.

UMBELLATA. A spring greenhouse cutflower; sow in January, plant out 8 x 10 in. Used as a winter outdoor crop in Florida and the south of Texas. 12 in.

Alba (white)

Purpurea (crimson)

Vaughan's Special Mixture

Lilacina (lilac)

Rose Cardinal

Each of the above 5: Trade pkt., ($\frac{1}{4}$ oz.) 30c; oz., 75c; 4 oz., \$2.00; lb., \$6.00.

PERENNIAL 11,500 seeds oz. 68° 2-3 weeks

Gibraltarica. × 1 ft. Large flowers, lilac shaded to white.

Trade pkt. ($\frac{1}{8}$ oz.) 30c; $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50; lb., \$13.00.

Sempervirens. 12 in. White.

Trade pkt., ($\frac{1}{8}$ oz.) 80c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50; 4 oz., \$13.00; lb., \$40.00.

Centaurea

ANNUAL 6,500 seeds oz. 68-86° 3-4 weeks

CYANUS. (Bachelor Button or Cornflower) Large, fully double flower, rich colors. Long stems for cutting. May be sown outdoors just before freezing for early spring blooming. 3 ft.

Black Boy. Blackish maroon.

★ **Blue Boy.** Rich deep blue, very large flowers.

★ **Pinkie.** Deep pink.

Red Boy. Ruby red.

★ **Rosie.** Rich rose with salmon overcast.

★ **Snowman.** Best white.

Vaughan's Mixture of Super Giant Varieties.

Each of the above: $\frac{1}{4}$ oz., 25c; oz., 75c; 4 oz., \$2.20; lb., \$6.50.

CYANUS DWARF. Compact plant covered with bloom. Foliage a tufted mass of bright green.

Jubilee Gem. Very double dark blue flower. 12 in.

$\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50.

IMPERIALIS. Showy thistle-like blooms. 32 in.

Mixed. A complete range of color.

$\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50.

PERENNIAL 1,600 seeds oz. 68-86° 3-4 weeks

Montana. Cornflower blue, 24-in.

$\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50.

Perennial sorts mixed. Trade pkt., ($\frac{1}{16}$ oz.) 50c; $\frac{1}{4}$ oz., \$1.40; oz., \$4.40.

Cheiranthus

PERENNIAL 10,000 seeds oz. 54° 2-3 weeks

Allionii. Brilliant orange. 16 in.

Trade pkt., ($\frac{1}{4}$ oz.) 25c; oz., 55c; 4 oz., \$1.65; lb., \$5.00.

Chrysanthemum

ANNUAL 9,500 seeds oz. 68° 2-4 weeks

★ **Carinatum Vaughan's Rainbow Mixture.** A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing, from June until September they give a truly amazing display.

Trade pkt., ($\frac{1}{8}$ oz.) 40c; $\frac{1}{4}$ oz., 70c; oz., \$2.20; 4 oz., \$6.60.

PERENNIAL 60,000 seeds oz. 68° 2-4 weeks

Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large-flowering single and semi-double.

Trade pkt., ($\frac{1}{32}$ oz.) 85c; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.50; oz., \$13.50.



AN EFFECTIVE COMBINATION
CENTAUREA BLUE BOY AND BELL OF IRELAND

Cerastium

PERENNIAL 42,000 seeds oz. 68° 2-4 weeks

Tomentosum. (Snow in Summer) × Silvery white foliage, white flowers. 16 in.

Trade pkt., ($\frac{1}{8}$ oz.) 35c; $\frac{1}{4}$ oz., 60c; oz., \$2.00; 4 oz., \$6.00.

Cineraria

ANNUAL 6,000 seeds $\frac{1}{32}$ oz. 68° 2-3 weeks

A January sowing will provide nice 3 inch plants in May for combination work. For best results do not pinch.

CAUTION: Do not use soil in which Mums have been grown, particularly if your Mum planting was affected with Verticillium wilt or Seidewitz disease. Soil-borne fungus such as these will quickly attack your Cineraria causing the lower leaves to wilt and die and then gradually kill the entire plant. Steam sterilization of soil is important and as a prevention we recommend the use of new field soil from seed flats to finished pot.



★ **Vaughan's Master Blend.** A new strain in a complete range of solid colors, all without eyes, rich red tones predominating. Dense flower head, dwarf compact plant, 12 to 14 inches in height. Trade pkt., ($\frac{1}{128}$ oz.) \$1.75; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

★ **Vaughan's Columbian Mixture.** Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains. Unexcelled in variety of colors, size, shape and substance of flowers and perfect habit of plant.

Trade pkt. ($\frac{1}{128}$ oz.) \$1.25; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.30; $\frac{1}{16}$ oz., \$6.00.

★ **Cremer's Prize Mixture.** Re-selected. Somewhat taller and larger flowered than Multiflora Nana.

Trade pkt. ($\frac{1}{128}$ oz.) \$1.50; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

Gold Center. (Multiflora Nana). The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. Good shipper.

Trade pkt. ($\frac{1}{128}$ oz.) \$1.50; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

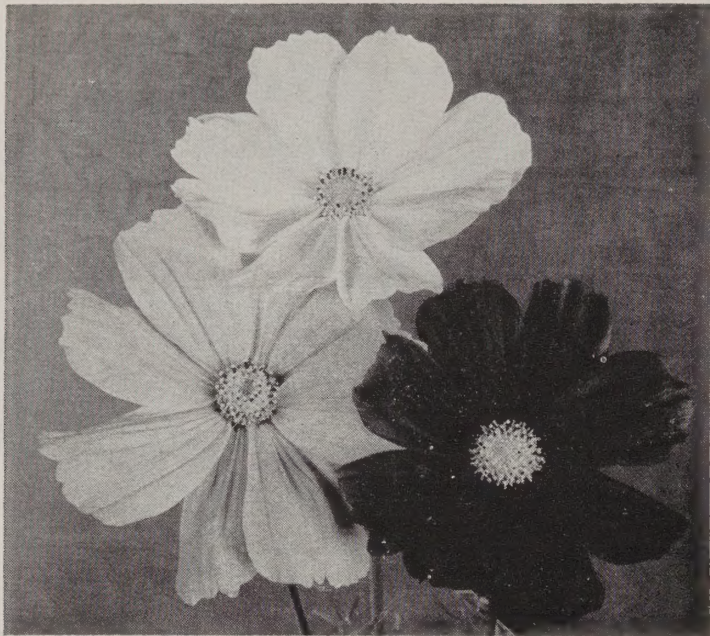
Cremer's Prize Strain and Siter's Rainbow Strain. In equal proportions.

Trade pkt. ($\frac{1}{128}$ oz.) \$1.50; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

★ **Siter's Rainbow Strain Mixed.** Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's. Trade pkt. ($\frac{1}{128}$ oz.) \$1.50; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50; $\frac{1}{16}$ oz., \$8.00.

Siter's Hybrids. A distinct improvement over the original strain. A new group of Cineraria Hybrids blended for perfect combination of colors, ranging from bright-eyed types through the finer pastel shades. Large flower heads with medium, large individual flowers. (Originator's Packet). Seed for 500 plants, \$5.00.

Grandiflora Dwarf Mixed. Excellent strain in a fine range of color. 1 ft. Trade pkt. ($\frac{1}{128}$ oz.) \$1.75; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.



COSMOS SENSATION

Clarkia

ANNUAL 100,000 seeds oz. 54-90° 1-2 weeks

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be started. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Salmonea Perfecta (Salmon Queen). True salmon

Vaughan's Special Mixture. Our own blend.

Each of the above:

Trade pkt., (1/8 oz.) 25c; 1/4 oz., 40c; oz., \$1.20; 4 oz., \$3.60.

Cleome

ANNUAL 13,000 seeds oz. 54-90° 1-2 weeks

★**Giant Pink Queen**. A tall and attractive border plant, with huge heads of delightful and refreshing pink. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost.

Trade pkt., (1/8 oz.) 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00.

Helen Campbell. A sport from the popular Pink Queen, with large glistening pure white flowers. Comes into bloom slightly earlier than Pink Queen and the flowerheads are larger.

Trade pkt., (1/8 oz.) 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00.

Cobaea

ANNUAL 375 seeds oz. 68-86° 2-3 weeks

Scandens. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer.

1/4 oz., 55c; oz., \$1.70; 4 oz., \$5.00.

Coleus

See page 17

Convolvulus

ANNUAL 1,400 seeds oz. 65° 2 weeks

Dwarf Royal Ensign. Is deep bright ultramarine blue, the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders. Trade pkt., (1/8 oz.) 60c; 1/4 oz., \$1.00; oz., \$3.00.

Corn Ornamental

ANNUAL 100 seeds oz. 65-75° 1 week

Strawberry. While this is really a "Pop Corn" its charm is in the tiny ears which are only 2 in. long and 1 1/2 in. wide and a rich shiny mahogany color. Not unlike a gigantic strawberry. Straw-colored husks which may be bent back showing the ear.

Ounce, 40c; 4 oz., \$1.25; 1 lb., \$4.00.

Calico or Indian Squaw. Multi-colored kernels for fall decorations.

Ounce, 25c; 4 oz., 50c; lb., \$1.50; 10 lb., \$14.00.

Coreopsis

PERENNIAL 11,000 seeds oz. 68° 2-3 weeks
Double Sunburst. (Double New Gold). Large double flowers 1 1/2 to 2 in. across. 1/4 oz., 35c; oz., \$1.10; 4 oz., \$3.30; lb., \$10.00.

Cosmos

ANNUAL 5,000 seeds oz. 68-86° 1-2 weeks

★**SENSATION**. Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. A satisfactory cutflower strain, particularly well adapted to our Northern climate.

Dazzler. Crimson.

Pink. Clear rose pink.

Radiance. Deep rose with rich crimson zone.

White. Purest white.

Mixed. All the above.

Each of the above: 1/4 oz., 40c; oz., \$1.30; 4 oz., \$4.00.

★**Fiesta**. Brilliant flowers, gold striped scarlet. Compact plant, 2 1/2 ft. tall. Flowers are semi-double, ruffled.

Trade pkt., (1/8 oz.) 40c; 1/4 oz., 70c; oz., \$2.20; 4 oz., \$6.60.

Ornamental Cotton

ANNUAL 270 seeds oz. 70° 12 days

Sown indoors, and transplanted after danger of frost is over, cotton plants develop quickly into low bushes of definite ornamental value, with lovely pink buds followed by creamy blossoms. The white bolls make winter bouquets. Regret owing to quarantine regulations cannot be sent to California. 1/4 oz. 45c; oz., \$1.40.

★ Crossandra

ANNUAL 4,000 seeds oz. 75-80° 7-12 weeks

An evergreen and everblooming plant. Leaves are dark green, somewhat resembling the Laurel. The flowers vary from salmon pink to peach and flower over a long period. Valuable as a pot plant, attaining a height of 12 in. Likes heat, germinates best at from 70 to 80 degrees and under these conditions seed will germinate in three to seven weeks. 50 seeds, \$2.00; 100 seeds, \$3.50; 200 seeds, \$6.00.

Cuphea

ANNUAL 7,000 seeds oz. 65-75° 2-3 weeks

★**Firefly**. A free-blooming semi-dwarf compact growing annual of deep rosy-scarlet. Makes an attractive spring pot plant.

Trade pkt., (1/16 oz.) 50c; 1/8 oz., 85c; 1/4 oz., \$1.35; oz., \$4.00.



CYCLAMEN PERSICUM GIGANTEUM

Cyclamen Persicum Giganteum

ANNUAL 2,500 seeds oz. 68° 3-4 weeks

Our Cyclamen Seed is supplied by American and European growers who have specialized in this item for many years.

From an October 1 sowing 5 inch blooming plants will be ready for Christmas of the next year. Sow November 1 for 5 inch in January and February 1 for 4 inch in January-February.

Have large specimen plants for Christmas sales by sowing June and July of the previous year.

Baardse's Wonder. Salmon with white border

Bonfire. Brilliant salmon

Bright Red

Dark Blood Red

Lavender

Pink Pearl. (Mozart).

Salmon pink

Pure Rose (Deep Pink)

Pure White

Ruffled Red

Ruffled Salmon

Ruffled White

Ruffled Mixed

Saffron Red Silver Edge

Salmon Scarlet (America Improved—Orange Beauty)

Salmon-Rose Improved

Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf)

Salmon Light (Rose of Zehlendorf)

Soft Rose with Carmine Eye (Improved Rosa von Marienthal)

Victoria Improved. The bloom is fringed with a bright salmon eye and balance of petals in a lighter salmon shade getting still lighter near the fringed edge and the fringed edge is always a bright salmon.

White with Carmine Eye

White Fringed

Each of the above: 100 seeds, \$2.50; 1000 seeds, \$20.00.

Vaughan's Florist Mixture

100 seeds, \$2.00; 1000 seeds, \$15.00.

SPECIAL DISCOUNT ON CYCLAMEN: In addition to our regular cash discounts, the following special discounts are allowed on the above Cyclamen varieties only: 250 of a variety at 1000 rate, 10,000 to 25,000 seeds, any assortment, 5%; over 25,000 seeds, 10%.

Vogt's Double Cyclamen

This strain comes about 80% true from seed.

Double Mixed. All colors. 100 seeds, \$3.75; 250 seeds, \$7.75; 500 seeds, \$14.00.

Cyclamen

PERENNIAL 2,500 seeds oz. 68° 3-4 weeks

Europaeum. An outstanding rock garden plant. Blooms in July or August. The flowers are fragrant and usually of a deep rose color. Requires rich humus soil that is well drained. Seed germinates irregularly. Leaflet on culture furnished with seed.

100 seeds, \$1.10; 250 seeds, \$2.45.

Cynoglossum

ANNUAL 5,300 seeds oz. 68° 2-3 weeks

Blue Bird (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either outside or under glass.

Trade pkt., (1/4 oz.) 35c; oz., \$1.10; 4 oz., \$3.00.

★**Firmament.** A dwarf type of the Chinese Forget-me-not. 15 to 18 in. tall, bushy, of a rich blue color.

Trade pkt., (1/4 oz.) 40c; oz., \$1.35; 4 oz., \$4.00.

Dahlborg Daisy

ANNUAL 2,100 seeds oz. 68°

Slow and uneven to germinate.

An attractive dwarf border annual covered with small yellow daisy-like flowers. Early, free flowering. 6 in.

Trade pkt., (1/32 oz.) 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$10.00.

Dahlia

See page 18



SHASTA DAISY MARCONI RESELECTED

Daisy Shasta

PERENNIAL 25,000 seeds oz. 68° 2-3 weeks

Alaska. Best white, American-grown. 40 in.

Trade pkt., (1/8 oz.) 30c; 1/4 oz., 45c; oz., \$1.40; 4 oz., \$4.25; lb., \$12.00.

Giant Double Shasta Reselected. So large is the flower and fully double, it resembles giant Asters. Long stems make it a desirable cutflower. Free flowering over a long season.

Trade pkt., (1/32 oz.) 55c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; oz., \$9.00; 4 oz., \$27.00.

★**G. Marconi Reselected.** In our opinion the finest of the Double Shasta Daisies. Long stems, free flowering. Blooms averaging better than 6 inches in diameter. Excellent cutflower.

Trade pkt., (1/32 oz.) 55c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; oz., \$9.00; 4 oz., \$27.00.

Gloriosa Daisy

ANNUAL 51,500 seeds oz. 68-86° 2-3 weeks.

Best used and treated as an Annual, this hardy perennial withstands the heat of summer and the zero weather of winter. Excellent for mass displays in the semi-tall border and a fine cutflower.

Double Gloriosa Daisy (Rudbeckia). (All America Silver Medal 1961). Rich golden-yellow double and semi-double flowers, up to 4 1/2 inches across, a profuse bloomer on strong stems. When fully opened the rich dark velvety center provides a brilliant color contrast. We offer Originator's Seed Only. 3 ft. Trade pkt., (1/32 oz.) 85c; 1/16 oz., \$1.50; 1/8 oz., \$2.50; 1/4 oz., \$4.50; oz., \$12.00.

Single Gloriosa Daisy. Giant blooms of bright yellow, rich mahogany and vivid bicolors in many patterns that include golden orange and gold, mahogany and bronze as well as mahogany and gold. A contrasting dark velvety center sets off the long broad petals. Trade pkt., (1/32 oz.) 50c; 1/4 oz., \$2.50; oz., \$7.50.

Dusty Miller

ANNUAL Seeds, see below 68-86° 2-4 weeks

Centaurea Candidissima (Dusty Miller). (7500 seeds per oz.) White leaved for bedding. 6 in.

Trade pkt., (1/8 oz.) 70c; 1/4 oz., \$1.25; oz., \$4.00; 4 oz., \$12.00.

Gymnocarpa. (7500 seeds per oz.) (Tall Dusty Miller). Fine cut leaved variety with silvery foliage. 24 in. Trade pkt., (1/8 oz.) 30c; 1/4 oz., 50c; oz., \$1.50; 4 oz., \$4.50; lb., \$13.00.

Cineraria Maritima Diamond (Dusty Miller). 22,000 seeds per 1/4 oz. Leaves pure white.

Trade pkt., (1/8 oz.) 30c; 1/4 oz., 50c; oz., \$1.50; 4 oz., \$4.50.

Maritima Candicans. (20,000 seeds oz.). Considered the finest of the dwarf Dusty Millers. Compact, even growth, glistening white foliage. Trade pkt., (1/8 oz.) 40c; 1/4 oz., 70c; oz., \$2.00; 4 oz., \$7.25; lb., \$27.00.



DELPHINIUM PACIFIC GIANT HYBRIDS

Delphinium

PERENNIAL 10,000 seeds oz. 54° 3-4 weeks
Pacific Giant Strain

Undoubtedly the finest strain yet introduced. Flowers of immense size, well set on strong, straight stems, do not shatter and highly mildew resistant. Delphinium like a well-drained soil, neutral in reaction. A January sowing in the greenhouse, planted out in early spring, will give a good cut that summer, with excellent production the following season.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, individual flowers average three inches in diameter; heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Percival. White with contrasting black bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Originator's Strain (Vetterle & Reinelt). The originator's own fine selection of the above, bred for uniformity of habit and size of flower.

Each, Trade pkt. ($\frac{1}{16}$ oz.), \$1.65; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.50; oz., \$20.00.

Regular Strain. Grown especially for us by a Delphinium specialist, one generation removed from Originator's.

Each, Trade pkt. ($\frac{1}{16}$ oz.), \$1.40; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.50; oz., \$15.50.

Pacific Giant Hybrids. A good blend.

$\frac{1}{8}$ oz., \$2.25; $\frac{1}{4}$ oz., \$4.00; oz., \$12.00; 4 oz., \$35.00; lb., \$105.00.

Astolat Series

A mixture of novel shades ranging from pale blush through pink, rose and lilac, with dark bees. Size and quality compare favorably with other Pacific Giant Hybrids.

Originator's Strain.

Trade pkt. ($\frac{1}{16}$ oz.), \$1.65; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.50; oz., \$20.00.

Regular Strain. One generation removed from Originator's.

Trade pkt. ($\frac{1}{16}$ oz.), \$1.50; $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.25; oz., \$18.00.

Delphinium Other Varieties

Blackmore and Langdon Strain, Mixed. Tall, graceful spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. Trade pkt. ($\frac{1}{8}$ oz.), 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Wrexham (Hollyhock) Strain Mixed. A blend of light and dark shades. Large florets on tapering spike of extraordinary length. Trade pkt. ($\frac{1}{8}$ oz.), 95c; $\frac{1}{4}$ oz., \$1.75; oz., \$6.00; 4 oz., \$18.00.

Belladonna Light Blue Improved. (Cliveden Beauty). Light blue, large-flowered, strong grower. 4 to 5 ft. Trade pkt. ($\frac{1}{8}$ oz.), 55c; $\frac{1}{4}$ oz., 90c; oz., \$3.20; 4 oz., \$11.00; lb., \$40.00.

Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. Trade pkt. ($\frac{1}{8}$ oz.), 55c; $\frac{1}{4}$ oz., 90c; oz., \$3.20; 4 oz., \$11.00; lb., \$40.00.

Lamartine. Flowers of rich, deep blue with pure white eye. Sturdy vigorous plant which blooms from June until frost. 5 ft. **True Stock.** Trade pkt. ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50; 4 oz., \$13.50.

Sapphire. A rich blue distinct from Bellamosum in that it is slightly lighter in color with tiny center of golden pollen, definitely larger flowered with a brilliant sheen to the petals. The foliage is glossy dark green. Trade pkt. ($\frac{1}{16}$ oz.), 65c; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00.

Chinese Delphinium

ANNUAL 20,000 seeds oz. 60-70° 2-3 weeks

A lighter more airy plant than the large heavy Delphinium. Attractive in the perennial border, a useful cut flower. Sow well in advance of other bedding plants for good bloom. Plants frequently winter-over.

Album Grandiflorum. White, 36 in.

Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Blue. Gentian blue.

Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Blue Mirror. Having no spurs, the bright navy-blue flowers show most effectively by their vertical position. 1½-2 ft. Blooms first year if sown early.

Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.75; 4 oz., \$11.25.

Cambridge Blue. Rich belladonna blue.

Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Mixed. Includes the above.

Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Dianthus

See page 18

Dicentra (Dielytra)

PERENNIAL Seeds, see below.

For best germination results, recommend storing seed in damp sand at a temperature below 40° fahrenheit for 6 weeks and then make seed sowing.

Eximia (Plumy Bleeding Heart). (16,000 seeds per oz.) Dwarf. 12 in.

Trade pkt. ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50.

Spectabilis. (Bleeding Heart). (6,000 seeds per oz.) 32 in.

Trade pkt. ($\frac{1}{64}$ oz.), \$1.50; $\frac{1}{32}$ oz., \$2.50; $\frac{1}{16}$ oz., \$4.50; $\frac{1}{8}$ oz., \$8.00.

Dictamnus

PERENNIAL 1,700 seeds oz. Frost germinator.

Recommend using same treatment as you do Dicentra.

Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in.

Trade pkt. ($\frac{1}{4}$ oz.), 75c; oz., \$2.00; 4 oz., \$6.00.

Didiscus

ANNUAL 10,000 seeds oz. 68° 2-3 weeks

Coeruleus (Lavender Lace Flower). Light blue-lavender flowers freely produced on good stems. For spring forcing or grown outdoors in cool climates. 2 ft.

Trade pkt. ($\frac{1}{8}$ oz.), 35c; $\frac{1}{4}$ oz., 60c; oz., \$1.80; 4 oz., \$5.50.

Lace Veil. Pure, paper white, identical to the blue, except for color.

Early, long stemmed, 2½ ft. plants. May be dyed any color.

Trade pkt. ($\frac{1}{8}$ oz.), 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Digitalis (Foxglove)

PERENNIAL 200,000 seed oz. 68-86° 2-3 weeks
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft. Trade pkt. (1/16 oz.), 30c; 1/4 oz., 75c; oz., \$2.50; 4 oz., \$7.50.
Excelsior Mixed. The florets are carried at right angles to the stem and so reveal the full effect of the rich markings. A blend of unusual shades. 4-5 ft. Trade pkt. (1/16 oz.), 45c; 1/4 oz., \$1.20; oz., \$3.60.
Vaughan's Special Mixture. Trade pkt. (1/16 oz.), 30c; 1/4 oz., 70c; oz., \$2.20.

Dimorphothecca

ANNUAL 10,000 seeds oz. 68° 2-3 weeks
Aurantiaca. (Orange Daisy). Glossy golden orange flowers. 12 in. Trade pkt. (1/16 oz.), 30c; 1/4 oz., 70c; oz., \$2.20; 4 oz., \$6.50.
Aurantiaca New Hybrids. Trade pkt. (1/16 oz.), 25c; 1/4 oz., 50c; oz., \$1.50; 4 oz., \$4.50.
***Glistening White.** 6 to 8 in. The petals of the daisy-like flower, 4 inches in diameter, glisten like white enamel. They are borne freely on low, spreading plants, like hot sun and dry weather and flower long after frost. Trade pkt. (1/16 oz.), 45c; 1/4 oz., \$1.20; oz., \$3.60.

Dolichos

ANNUAL CLIMBER 148 seeds oz. 68° 6 to 8 days
Rapid growing vine with large leaves and violet-purple or white flowers in pea-like spikes.
Mixed. Purple and white. 10 ft. Oz., 50c; lb., \$4.00.

Doronicum (Leopard's Bane)

PERENNIAL 18,000 seeds oz. 68° 2-3 weeks
An exceedingly satisfactory spring flowering perennial of much beauty. The large daisy like flowers are fine for cutting.
Caucasicum Magnificum. Gerbera like flowers of clear yellow. Height 2 ft. Trade pkt. (1/16 oz.), \$1.40; 1/8 oz., \$2.50; 1/4 oz., \$4.50.

Dracaena

ANNUAL Seeds, see below. 86° 3-4 weeks
Indivisa. (1,500 seeds per oz.) Narrow leaved.
In the Hull. Trade pkt. (1/4 oz.), 25c; oz., 60c; 4 oz., \$1.67; lb., \$5.50.
Clean Seed. (2,500 seeds per 1/4 oz.). Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Echinops

PERENNIAL 650 seed heads per oz. 68-86° 1-4 weeks
Ritro. (Globe Thistle). Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlasting. Trade pkt. (1/4 oz.), \$1.10; oz., \$3.30; 4 oz., \$10.00.

Escholtzia

(California Poppy)

ANNUAL 15,000 seeds oz. 68° 2-3 weeks
Mission Bells Mixed. Exquisitely formed semi-double and double flowers on dwarf compact plants. A beautiful and complete range of color from delicate pastels to deep red, including two-toned combinations. 6 in. Trade pkt. (1/8 oz.), 30c; 1/4 oz., 50c; oz., \$1.50; 4 oz., \$4.50.

Euphorbia

ANNUAL Seeds, see below. 68-86° 2-3 weeks
Heterophylla (Mexican Fire Plant). (5,300 seeds per oz.) 3 ft. Trade pkt. (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00.
Variegata (Snow-on-the-Mountain). (2,500 seeds per oz.). Foliage edged white and green. 2 ft. Trade pkt. (1/4 oz.), 30c; oz., 80c; 4 oz., \$2.40.
PERENNIAL 8,700 seeds oz. 68-86° 2-3 weeks
Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in. Trade pkt. (1/32 oz.), 85c; 1/16 oz., \$1.50; 1/4 oz., \$5.00.

Exacum

ANNUAL 15,000 seeds 1/64 oz. 68-86° 2-3 weeks
Affine. An excellent greenhouse pot plant with sweetly scented bright mauve flowers. Can be flowered in 6 months from sowing. 9 in. Trade pkt. (2,000 seeds), \$1.25; 1/128 oz., \$3.20; 1/64 oz., \$6.00.



FLAME VIOLETS

Flame Violets (Episcia Mixture)

ANNUAL 750,000 seeds oz. 85° 3-4 weeks
An attractive and interesting pot plant. Brilliantly colored foliage ranging from deep shiny green through soft hairy brown, brown veined with green or silver to silver with rust markings. The flower colorings are bright and will show rich shades of red, orange-red and scarlet, as well as a fringed white. Easily grown, seed germinates readily. Handle as you would Gloxinia or African Violets. 50 seeds, \$1.75; 100 seeds, \$3.00; 200 seeds, \$5.00.

Freesias

ANNUAL 3,000 seeds oz. 54° 4-6 weeks
Sow seed in cold frame in the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom in January.
Rainbow Hybrids. Colored varieties. Trade pkt. (1/16 oz.), 80c; 1/4 oz., \$2.50; oz., \$7.50.
Vaughan's De Luxe Mixture. Extra large blooms in a complete range of color and color combinations. Good stems for cutting. Trade pkt. (1/16 oz.), \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.60.

Fuchsia

ANNUAL 70,000 seeds oz. 68-86° 4-6 weeks
Superb Mixture. An outstanding mixture of double and single varieties. 250 seeds, \$3.50; 500 seeds, \$5.50; 1000 seeds, \$10.00.



EXACUM AFFINE



GERBERA NEW HYBRIDS

Gaillardia

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

Easily grown annual, mostly bicolored blooms, in various shades of yellow, orange, red and maroon.

★**Sunshine.** Harmonious blend of colors ranging from almost self red with but slight, though sharply contrasting yellow tipping, some flowers are a pure self yellow. Fully double blooms on stiff stems. 2½ ft. tall. Trade pkt. (⅛ oz.) 45c; ¼ oz., 75c; oz., \$2.50; 4 oz., \$7.50.

Indian Chief. The single flowers of deep coppery scarlet are accentuated by a dark brown center. Dense bushy plants. 12 in. Free flowering.

Trade pkt., (⅛ oz.) 25c; ¼ oz., 40c; oz., \$1.20; 4 oz., \$3.50.

Gaillardia Grandiflora

PERENNIAL 10,000 seeds oz. 68° 2-3 weeks

Reliable hardy perennials with bright bicolored blooms averaging 2½ to 3½ inches in diameter.

★**Burgundy.** Self colored wine-red flowers, 2½ inches in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in. Trade pkt., (⅛ oz.) 45c; ¼ oz., 75c; oz., \$2.50; 4 oz., \$7.50.

Dazzler. (Portola Hybrids). Large flowers of bright golden yellow with a brilliant scarlet copper hued center. A strikingly brilliant contrast in color. Excellent for cutting. 3 ft.

Trade pkt., (⅛ oz.) 35c; ¼ oz., 55c; oz., \$2.00; 4 oz., \$6.00.

Goblin. Very compact globular plants, red and yellow bicolor.

Trade pkt., (⅛ oz.) 45c; ¼ oz., 75c; oz., \$2.50; 4 oz., \$7.50.

Monarch Strain. A robust strain very varied in coloring and with flowers of giant size and perfect form.

Trade pkt., (⅛ oz.) 35c; ¼ oz., 55c; oz., \$2.00; 4 oz., \$6.00.

Sun. Rich sun-gold yellow flower on long strong stem. Flowers average 4 inches across. A good cutflower strain.

Trade pkt., (⅛ oz.) 35c; ¼ oz., 55c; oz., \$2.00; 4 oz., \$6.00.

Geraniums

ANNUAL 6,200 seeds oz. 54-90° 1-6 weeks

Slow and uneven to germinate. Sow early for Summer blooms.

Zonale Large Flowering Mixed. Single large flowers in a wide range of color. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased.

Trade pkt., (⅛ oz.) 90c; ¼ oz., \$3.00; oz., \$9.00; 4 oz., \$27.00.

Godetia

ANNUAL 46,000 seeds oz. 68° 2-3 weeks

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Mixed. Gladiolus-like flowers in long trusses; excellent for cutting. 2 ft. Trade pkt. (⅛ oz.) 25c; ¼ oz., 40c; oz., \$1.20; 4 oz., \$3.50.

Gerbera

PERENNIAL 7,250 seeds oz. 68° 2-3 weeks

Best germination will result if seed is sown on top of soil, covered lightly with peat or a similar material. Keep slightly moist for the first 4 or 5 days and increase moisture heavily thereafter. Germination will usually begin in 7 to 9 days and is completed in from 14 to 21 days.

New Hybrids. A specialist's selection containing many full-duplexed flowers in a greatly improved range of color. This popular green house forcing perennial is fine for cutting. Harvested at intervals during the year, new crop seed is always available.

100 seeds, 70c; 500 seeds, \$3.00; 1,000 seeds, \$5.50.

Geum

PERENNIAL 7,000 seeds oz. 68-86° 3-4 weeks

Winter-hardy with some protection, these fine perennials are excellent cutflowers.

Lady Stratheden. (Golden Fall). The blooms are large double rich golden yellow. 2 ft.

Trade pkt. (⅛ oz.) 30c; ¼ oz., 80c; oz., \$2.90; 4 oz., \$9.00.

Mrs. Bradshaw. Large double fiery orange red. 2 ft.

Trade pkt., (⅛ oz.) 30c; ¼ oz., 80c; oz., \$2.90; 4 oz., \$9.00.



GEUM

Globe Amaranth

ANNUAL 5,500 seeds oz. 68-86° 2-3 weeks

GLOBOSA. A showy garden annual, the taller varieties make excellent cutflowers, either dried for winter bouquets or as fresh flowers. Does well in hot, dry locations.

Rubra (red-purple). 18 in.

Orange (Haageana). 2 ft.

Each the above 2:

Trade pkt., (⅛ oz.) 50c; oz., \$1.50; 4 oz., \$4.50.

Mixed. Includes red-purple, orange, white and pink.

Trade pkt., (⅛ oz.) 35c; oz., \$1.00; 4 oz., \$3.00; lb., \$9.00.

Buddy (Dwarf). Excellent for pot plants and edging. Uniform ball-shaped plants 5 inches tall with vivid purple blooms.

Trade pkt., (⅛ oz.) 65c; oz., \$2.20; 4 oz., \$6.50.

Grevillea

ANNUAL 3,000 seeds oz. 68-86° 2-3 weeks

Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets for fall and winter. Sow in early spring. Well grown single specimens make fine pot plants.

Trade pkt., (⅛ oz.) 75c; ¼ oz., \$1.25; oz., \$4.00; 4 oz., \$12.00; lb., \$45.00.

Helianthus

ANNUAL 650 seeds oz. 68-86° 2-3 weeks

Sun Gold (Sunflower). 4 to 5 ft. Brilliant golden yellow, full-double Chrysanthemum-like flowers. Free blooming. Excellent for cutting. Trade pkt., (⅛ oz.) 30c; oz., 90c; 4 oz., \$2.70; lb., \$8.00.

Gloxinia Hybrida

ANNUAL 24,000 seeds $\frac{1}{32}$ oz. 68-75°

Gloxinias are easily grown from seed. A December sowing (70° with no soil covering for best germination) carried through winter at 65° should result in good 4 and 5 inch blooming plants for June. Light shade recommended for winter, heavier shade as days become brighter. Water with care, never let plants dry out. A potting soil of $\frac{1}{3}$ peat, $\frac{1}{3}$ sand and $\frac{1}{3}$ light organic soil suits the Gloxinia. Val-Peat and Jiffy Pots fit in fine here for the first transplanting.

★**Anja Egels.** Brilliant scarlet red. The flowers of good size are freely produced on compact plant. Flexible well-shaped leaf. Outstanding in that it is a solid color.

Emperor Frederick. Dark scarlet, white margin.

Emperor William. Dark violet, white margin.

Marveille. White edged flowers of brilliant red, very free flowering with flexible dark leaves. An "Improved Emperor Frederick." Trade pkt., \$1.50.

Rose Sensation. Brilliant carmine rose with ivory throat, large flowers produced in abundance and flexible well shaped leaf make this one of the best. Originator's Trade pkt., \$1.50.

Swiss Emblem. (Hybrid Gigantea). Brilliant scarlet red with white margin. Originator's Trade pkt., \$1.50.

Spotted and Stained Choice Mixture.

French Hybrids. A mixture of the finest varieties.

Gigantea Finest Mixed. Superb class of giant size and rich colors.

Each of the above, except as noted, Trade pkt. (1000 Seeds) \$1.25.

★**Velvet Queen.** Very large ruffled violet red flower, plants are compact. One of the finest. Trade pkt. (1000 Seeds) \$2.00.

★**Vaughan's Columbian Mixture.** Our **Formula Mixture.** from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type. Trade pkt. (1000 seeds) \$1.25.

Ornamental Gourds

An increasingly important addition to the florists' list, as evidenced by the demand in retail stores. Cultural directions and instructions for preparing the fruit with each order if asked for at time of ordering.

SMALL FRUITED

ANNUAL 500 seeds oz. 68-86° 2-3 weeks

Apple-Shaped.

Bottle, Miniature.

Crown of Thorns.

Flat Striped. Green and white stripes.

Nest Egg. Practical nest eggs.

Orange. The well-known Mock Orange.

Pear-Shaped. Green and white.

Pear-Shaped. White.

Pear-Shaped. Striped yellow and green.

Spoon. Small ball-shaped fruit with slender neck, deep orange.

Warted Sorts Mixed.

Small Fruited Varieties Mixed.

Each of the above: $\frac{1}{4}$ oz., 30c; oz., 90c; 4 oz., \$2.70; lb., \$8.00.

LARGE FRUITED

ANNUAL 150 seeds oz. 68-86° 2-3 weeks

Bottle. Large. The original Thermos bottle. Makes fine bird houses.

Dipper. Fruit makes an excellent dipper.

Hercules Club. Fruits average 3 to 4 ft. in length.

Turk's Turban. Ornamental, brightly colored.

Each of the above 4: $\frac{1}{2}$ oz., 50c; oz., 90c; 4 oz., \$2.70; lb., \$8.00.

Dish Cloth. The spongy-like, porous pulp may be dried and used as a sponge. $\frac{1}{2}$ oz., 60c; oz., \$1.50; 4 oz., \$4.50; lb., \$13.50.

Large Fruited Sorts Mixed.

$\frac{1}{2}$ oz., 50c; oz., 90c; 4 oz., \$2.70; lb., \$8.00.

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses and utensils, are included in this mixture.

$\frac{1}{4}$ oz., 40c; oz., \$1.20; 4 oz., \$3.60; lb., \$11.00.

Hearts and Honey Vine

ANNUAL 900 seeds oz. 68-86° 2-3 weeks

The flowers are 2 inches across and 2 inches deep, changing in color from pinkish orange to rose pink in a single day. Jaggedly cut leaves of deep clear green. Long season of bloom.

Trade pkt., ($\frac{1}{4}$ oz.) 90c; oz., \$2.70.



HELICHRYSUM DOUBLE MIXED

Gypsophila

ANNUAL 25,000 seeds oz. 68° 2-3 weeks

An easily grown, free flowering annual. Most desirable for cutting.

★**Elegans Grandiflora White.** Special Florist strain.

Oz., 30c; 4 oz., 85c; lb., \$2.50; 5 lb., \$10.00.

Carminea. Deep Rose.

Trade pkt. ($\frac{1}{8}$ oz.) 25c; oz., \$1.20; 4 oz., \$3.60.

Crimson. Trade pkt., ($\frac{1}{8}$ oz.) 25c; oz., \$1.20; 4 oz., \$3.60.

PERENNIAL 34,000 seeds oz. 68° 2-3 weeks

One of the daintiest of flowers. Blooms all summer. The taller sorts make fine cutflowers while the dwarf varieties are excellent for edgings or use in the rock garden.

Oldhamiana. Great tangles of airy, misty-blooms in pink shades.

The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast. Trade pkt. ($\frac{1}{16}$ oz.) 30c; $\frac{1}{4}$ oz., 75c; oz., \$2.50.

Pacifica. Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft.

Trade pkt., ($\frac{1}{16}$ oz.) 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.75.

Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in.

Trade pkt., ($\frac{1}{8}$ oz.) 25c; oz., \$1.00; 4 oz., \$3.00; lb., \$9.00.

Snow-White Double. Pure white double strain. 2 ft.

Trade pkt. ($\frac{1}{16}$ oz.) 50c; $\frac{1}{4}$ oz., \$1.50; oz., \$5.00.

Repens Rosea × Pink flowers. Good rock or border plant.

Trade pkt. ($\frac{1}{16}$ oz.) 35c; $\frac{1}{4}$ oz., 80c; oz., \$2.70.

Helianthemum

PERENNIAL 15,000 seeds oz. 68-86° 2-3 weeks

Mutabile × Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.

Trade pkt., ($\frac{1}{8}$ oz.) 35c; $\frac{1}{4}$ oz., 60c; oz., \$1.80.

Helichrysum

ANNUAL 45,000 seeds oz. 68-86° 2-3 weeks

Most widely used for drying and winter bouquets. The popular double Strawflower.

Double Mixed. Our own formula blend. Includes all the most popular colors.

Trade pkt., ($\frac{1}{8}$ oz.) 30c; $\frac{1}{4}$ oz., 40c; oz., \$1.40; 4 oz., \$4.20.

Heliotrope

ANNUAL 50,000 seeds oz. 68-86° 3-4 weeks

Will bloom from seed in four months.

★**Marine.** Large flower umbels, 12 to 15 in. across, of darkest navy blue with rich dark foliage. Early flowering and quick growing, it is especially recommended for bedding and pots. Very fragrant. 1 $\frac{1}{2}$ ft. Trade pkt. ($\frac{1}{64}$ oz.) 50c; $\frac{1}{16}$ oz., \$1.50; $\frac{1}{4}$ oz., \$4.50.

Mammoth Flowered Mixed.

Trade pkt., ($\frac{1}{16}$ oz.) 35c; $\frac{1}{4}$ oz., 85c; oz., \$2.75.

Regale Dwarf Mixed. A fine mixture of dwarf sorts.

Trade pkt. ($\frac{1}{16}$ oz.) 40c; $\frac{1}{4}$ oz., \$1.10; oz., \$3.30.

*Helleborus***PERENNIAL** 3,600 seeds oz.

For best germination results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Niger. Christmas Rose. Seed germinates very slowly. 15 in.

Trade pkt. (1/8 oz.), 70c; 1/4 oz., \$1.20; oz., \$3.60.

*Hemerocallis***PERENNIAL** A frost germinator.

For best results store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Peerless Blend. A mixture of high merit. Seeds saved from ten botanical species, also from the fine hybrid seedlings. This blend will give a wide color range of excellent Day Lilies.

100 seeds, 45c; 500 seeds, \$2.00; 1,000 seeds, \$3.75.

*Hesperis***PERENNIAL** 15,000 seeds oz. 68-86° 3-4 weeks**Matronalis.** (Sweet Rocket.) Sweet scented purple flowers in showy spikes. 40 in.

Trade pkt. (1/4 oz.), 35c; oz., \$1.10.

Matronalis Alba. Sweet scented white flowers.

Trade pkt. (1/4 oz.), 35c; oz., \$1.10.

*Heuchera***PERENNIAL** 750,000 seeds oz. 68-86° 2-3 weeks

Bell-shaped flowers about 1/2 inch long with prominent coral colored calyx.

Sanguinea Splendens. Bright scarlet-crimson, true. Excellent for cutting.

Trade pkt. (1/64 oz.), 65c; 1/16 oz., \$2.00; 1/8 oz., \$3.50.

Hybrida Grandiflora Mixed. 30 in.

Trade pkt. (1/64 oz.), 65c; 1/16 oz., \$2.00; 1/8 oz., \$3.50.

*Hibiscus***PERENNIAL** 4,000 seeds oz. 68-86° 2-3 weeks.

Large showy single flowers, hollyhock-like in appearance. In shades of pink, red and white with crimson eye. Flowers the first year.

Mallo Marvels Mixed. 4 ft.

Trade pkt. (1/8 oz.), 45c; 1/4 oz., 75c; oz., \$2.00; 4 oz., \$6.00.

Avalon Hybrids. One of the newer hybrid strains. Flowers, mostly bell-shaped, range in color from blush through pink, rose and vivid reds. Distinctive foliage. Long season of bloom. 3 ft.

Trade pkt. (1/8 oz.), 75c; 1/4 oz., \$1.35; oz., \$4.00; 4 oz., \$12.00.

*Hollyhocks***ANNUAL** 3,500 seeds oz. 68° 2-3 weeks**Triumph Supreme.** Large fully double blooms in a range of interesting delicate color tones. Many are attractively fringed and frilled. We suggest treating this as an annual—sown indoors in February and set out in Spring, you will have bloom the same Summer.

Trade pkt. (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

PERENNIAL 3,500 seeds oz. 68° 2-3 weeks

A well-known popular perennial. 4 to 5 ft.

Chater's Double Separate Colors.**Deep Rose** (Carmine rose)**Lilac Beauty****Newport Pink****Salmon Rose****Scarlet** (Blood Red)**White****Yellow****Each of above.** Trade pkt. (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00.**Chater's Prize Double Mixed.**

Trade pkt. (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny.

Trade pkt. (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.00.

*Hunnemannia***ANNUAL** 7,000 seeds oz. 68° 2-3 weeks**Sunlite.** Double bright canary-colored flowers. Gray-green foliage.

A good cutflower item. 2 ft.

Trade pkt. (1/3 oz.), 30c; 1/4 oz., 45c; oz., \$1.40.

Impatiens

See page 19.



KALANCHOE YELLOW DARLING

*Incarvillea***PERENNIAL** 6,000 seeds oz. 68° 1-2 weeks**Grandiflora Brevipes.** Large brilliant crimson rose flowers, 2 ft.

Trade pkt. (1/16 oz.), 65c; 1/4 oz., \$2.00; oz., \$6.00.

*Ipomoea***ANNUAL** 650 seeds oz. 68-86° 1-3 weeks

Showy annual climbing vines of easy culture. Recommend growing in soil of low-fertility taking care not to over-water. To insure a profusion of bloom, pot or band seedlings about 1 week after germination to avoid transplanting shock. Cracking seed coat with a knife may increase and assist germination.

Single Best Fringed Mixed.

Trade pkt. (1/4 oz.), 30c; oz., 90c; 4 oz., \$2.70; lb., \$8.00.

Noctiflora (Moonflower). White seeded.

Trade pkt. (1/2 oz.), 40c; oz., 70c; 4 oz., \$2.00.

★Clarke's Early-Flowering Heavenly-Blue. The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4 inch pots and stake. Flowers when about 2 ft. high (6 weeks).

Trade pkt. (1/2 oz.), 40c; oz., 75c; 4 oz., \$2.20.

Flying Saucers. Large blooms of bright blue and powdery white. The stripe-color pattern creates an actual illusion of whirling motion. Trade pkt. (1/4 oz.), 90c; oz., \$2.70.**★Pearly Gates.** A large flowered satiny white, with a creamy shading in the throat. Reaches 12 feet with luxurious foliage.

Trade pkt. (1/4 oz.), 35c; oz., \$1.00; 4 oz., \$3.00.

★Scarlett O'Hara. Flowers are a carnelian red, sometimes called carmine, self color about 3 1/2 inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes.

Trade pkt. (1/4 oz.), 40c; oz., \$1.10; 4 oz., \$3.25.

*Iris***PERENNIAL** 7,000 seeds oz. 54°

For best results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Avalon Blend. Interesting and unusual selections, mostly from named and hybrid sorts.**Dichotoma,** August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring or late fall while soil is cool. Usually a fair proportion will bloom the first summer.**Kaempferi Mixed.** A choice exhibition strain which will flower second year after sowing.**Each above 3:** Trade pkt. (1/16 oz.), 45c; 1/4 oz., \$1.25; oz., \$4.00.**Giant Bearded (German)** (435 seeds oz.). From a specialist's collection, all show a remarkable range of variable color. Bright self hues with pastel harmonies.

Trade pkt. (1/8 oz.), \$1.00; 1/4 oz., \$1.75; oz., \$5.00.



SCARLET RAINBOW



CANDIDUM



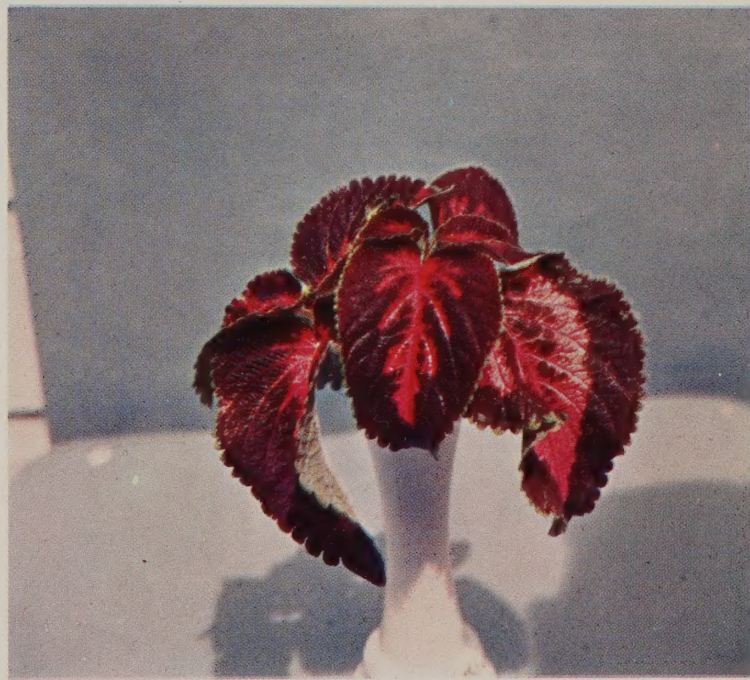
GOLDEN RAINBOW



VELVETY RAINBOW



RED RAINBOW



PINK RAINBOW

Vaughan's Rainbow Coleus

The Brightest, Best-Selling Foliage Plants

ANNUAL 3,500 seeds $\frac{1}{32}$ oz. 68-86° 2-3 weeks

There is a marked increase in the demand for this brilliantly colored, always popular foliage plant. Much used in combinations, the Coleus has proven its value as a bedding plant in shady locations. Our strain contains the brightest color selections and is grown for us by a specialist who understands the need of the most critical grower. All our seed is Greenhouse Grown.

Coleus are easily grown from seed. 3-inch pot plants are ready in 3 months or less, when grown at 65 degrees. Give full sun in winter and light shade in spring in the greenhouse. Full sun is required when grown as a pot plant in the house. In the garden it thrives in either partial or full shade.

Rainbow Mixture. Regular Strain. A good range of color but not so bright or richly colored as our Greenhouse Grown Strain.
Trade pkt. (1/128 oz.) 75c; $\frac{1}{32}$ oz., \$1.80; $\frac{1}{16}$ oz., \$3.25.

Candidum. A brilliant green and soft ivory, blending well with other colors. Showy when used in combinations.

Golden Rainbow. The rich old-gold under tone is flecked with green. Combined with red, it provides interesting contrast.

Pink Rainbow. Rich coral-pink shading to salmon. The small green border further emphasizes the bright color. Medium sized leaf.

Red Rainbow. Medium sized leaves of deep mahogany-red and bright carmine-rose edged green. A bright combination. Very showy.

Scarlet Rainbow. Brilliant scarlet-red with narrow green edge. Color brilliance is at its best when plants are of a size to use in combinations. Tends to darken as plants develop and grow larger.

Velvety Rainbow. Brilliant blood-red with deeper velvety overtone. This striking color causes much comment.

Above 6 Separate Colors, Each: Trade pkt. (1/128 oz.) \$1.75; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.25; $\frac{1}{16}$ oz., \$10.00.

**Instant
Glamour**

Vaughan's Rainbow Mixture. Our **Greenhouse Grown Strain** combines a wide range of brilliant richly colored medium to large leaves with a plant that is vigorous yet of uniform compact habit. Rich yellows, pinks, reds in all color tones and shades. Ideal for combinations, shade plantings or use wherever a bit of bright color is desired.
Trade pkt. (1/128 oz.) \$1.60; $\frac{1}{64}$ oz., \$2.60; $\frac{1}{32}$ oz., \$5.00; $\frac{1}{16}$ oz., \$9.00; $\frac{1}{8}$ oz., \$15.00; $\frac{1}{4}$ oz., \$27.00.



DAHLIA EXTRA DWARF Double Mixed

Dahlia

ANNUAL 3,000 seeds oz. 68-86° 2-3 weeks

Wide variation in colors and types makes Dahlias from seed interesting to grow. Easily grown from seed, they should be started well in advance of other Annuals for maximum first year bloom. The dwarf types are particularly adaptable to outdoor bedding while the Extra Dwarf Double Mixed and Unwin make fine pot plants.

Double Cactus-Flowered. Extra choice mixed.

Trade pkt., (1/8 oz.) \$1.40; 1/4 oz., \$2.50; oz., \$7.50; 4 oz., \$22.50.

Lilliput Mixed (Pompon). Trade pkt., (1/8 oz.) \$1.40; 1/4 oz., \$2.50; oz., \$7.50; 4 oz., \$22.50.

Vaughan's Special Double Mixed. Large flowers in a choice range of color. 5 ft. Trade pkt., (1/8 oz.) 45c; 1/4 oz., 70c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

★**Unwin's Dwarf Hybrids.** Graceful double blooms in a wide range of color. A January sowing provides 3 and 4 inch flowering pot plants in May. For blooming plants in June, sow in March. Trade pkt. (1/8 oz.) 45c; 1/4 oz., 75c; oz., \$2.50; 4 oz., \$7.50; lb., \$22.50.

Instant Glamour

Extra Dwarf Double Mixed (Exhibition Strain). An extra dwarf early Dahlia. Color range includes soft pastels as well as rich shades of crimson, scarlet and bronze. Compact bushy plants. 20 in.

Trade pkt. (1/8 oz.) 80c; 1/4 oz., \$1.35; oz., \$4.00; 4 oz., \$12.00.



DIANTHUS BRAVO

Dianthus Bravo. Silver Medal All America 1962.

Brightest scarlet-red Dianthus. Lightly fringed blooms averaging 1 1/2 inches across, carried well above the foliage. Plants are upright yet dwarf and compact.

For edging and border. Start with early Petunias and have blooming plants for Spring sales. Grow some in Val Peat and Jiffy Pots for easy handling. We supply Introducer's seed.

Trade pkt. (1/2 oz.) 90c; 1/6 oz., \$1.65; 1/8 oz., \$2.75; 1/4 oz., \$5.00; oz., \$15.00; 4 oz., \$45.00.

Dianthus—ANNUAL PINKS

ANNUAL 26,000 seeds oz. 68° 2-3 weeks

Showy free flowering annual for bedding, cutting and flats.

Brilliant Mixed. Flowers of rich crimson, cerise, pink and white. Trade pkt. (1/16 oz.) 35c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Heddensis Finest Mixed. Rich Dianthus colors including salmon. Trade pkt. (1/16 oz.) 35c; 1/4 oz., 80c; oz., \$2.50; 4 oz., \$7.50.

Heddensis Westwood Beauty. Variable red shades. Large single bloom, long stem. Tolerant to heat. Trade pkt. (1/16 oz.) 30c; 1/4 oz., 70c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

Double Gaiety (Laciniatus). Brilliant colors that include salmon and rich red shades.

Trade pkt. (1/16 oz.) 30c; 1/4 oz., 75c; oz., \$2.50.

Vaughan's Special Mixed, Double and Single Pinks.

Trade pkt., (1/8 oz.) 30c; 1/2 oz., 75c; oz., \$1.30; 4 oz., \$4.00; lb., \$12.00.

Vaughan's Special Mixture, Double Pinks.

Trade pkt., (1/8 oz.) 35c; 1/2 oz., 80c; oz., \$1.40.

Sweet Wivelsfield. A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. A cut flower of lasting quality and a fine bedding plant.

Single Mixed. Trade pkt. (1/4 oz.) 35c; oz., \$1.10; 4 oz., \$3.30; lb., \$10.00.

Double Mixed. Trade pkt., (1/8 oz.) 40c; 1/4 oz., 70c; oz., \$2.50; 4 oz., \$7.50.

Wee Willie (Annual Sweet William). An extra dwarf strain in rich shades of red. Flowers early and quickly, over a long season. For spring bedding plant sales (blooms in 6 to 8 weeks from seed). Plant thickly in garden border for best results. 3 in.

Trade pkt. (1/16 oz.) 60c; 1/4 oz., \$1.80; oz., \$5.40; 4 oz., \$19.00.

DIANTHUS PLUMARIUS—CLOVE PINKS ×

PERENNIAL 28,000 seeds oz. 68° 2-3 weeks

Cyclops. Red Hybrids.

Trade pkt., (1/16 oz.) 40c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Highland Rose Hybrids. Beautiful and varied mixture, especially noted for their fragrance and long flowering.

Trade pkt., (1/16 oz.) 45c; 1/4 oz., \$1.25; oz., \$4.00.

★**Spring Beauty.** Double giant carnation-like flowers in a beautiful color range. Very fragrant. Trade pkt., (1/16 oz.) 50c; 1/4 oz., \$1.50; oz., \$5.00; 4 oz., \$15.00; lb., \$54.00.

Vaughan's Special Mixture.

Trade pkt. (1/16 oz.) 40c; 1/4 oz., \$1.20; oz., \$3.60; 4 oz., \$10.75.

DIANTHUS BARBATUS—SWEET WILLIAM

Spicily fragrant flowers, dense clusters of brightly colored blooms. These perfectly hardy Sweet William bloom the second season from seed. At their best in early June.

Double Dwarf Midget Mixed. Tr. pkt. (1/16 oz.) 40c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$27.00.

Dwarf Dark Crimson. A free flowering selection of Double Sweet William. Trade pkt. (1/16 oz.) 50c; 1/4 oz., \$1.50; oz., \$4.50.

Giant Flowered Mixed.

Trade pkt., (1/8 oz.) 35c; oz., \$1.50; 4 oz., \$4.50; lb., \$13.50.

Single Blood-red (Atrosanguineus).

Giant White. Enormous trusses of bloom. Fine for cutting.

Homeland. Dark red, sharply defined clear white center.

Newport Pink. Salmon-pink.

Scarlet Beauty. Scarlet.

Mammoth Flowered Single Mixed.

Each of the above: Trade pkt., (1/16 oz.) 35c; 1/4 oz., 90c; oz., \$2.70.

Indian Carpet (Single Dwarf Midget Mixed). Dense heads of single blooms, wide color range, compact plant. Use in the border or as a spring pot plant. 4 in. Trade pkt. (1/16 oz.) 50c; 1/4 oz., \$1.50; oz., \$5.00; 4 oz., \$15.00; lb., \$45.00.

Vaughan's Special Mixture. Our own blend of double and single varieties. Trade pkt. (1/16 oz.) 40c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$27.00.

DIANTHUS—SORTS

PERENNIAL 200,000 seeds oz. 68-86° 2-3 weeks

Deltoides (Maiden Pink). Brilliant carmine-rose small single flowers in great profusion, excellent low border plant. 9 in.

Trade pkt., (1/16 oz.) 35c; 1/4 oz., \$1.00; oz., \$3.00.

Loveliness. Wide color range and misty effect of petals provides a mass of color in the border. Fragrant.

Trade pkt. (1/64 oz.) 80c; 1/16 oz., \$2.50; 1/4 oz., \$7.50.

Best Rock Work Species Mixed ×.

Trade pkt. (1/16 oz.) 60c; 1/8 oz., \$1.00.



ORANGE BABY



SCARLET BABY

Impatiens

ANNUAL 65,000 seeds oz. 70-75° 2-4 weeks.

All too frequently the Impatiens is overlooked by the annual bedding plant grower. There is no finer annual for the shady location. Grown in full or partial shade, the dwarf varieties attain approximately the size of bedding Petunias. The plants are covered with bloom and the intense coloring is seldom equaled by other bedding plants.

For bedding purposes, use the dwarf strains which seem to retain their growth habit even in the late season. Temperature variation seems to have little effect on the Impatiens. Grow them from seed, they are free flowering and can be depended on to give satisfaction. Earliness makes the Impatiens readily adaptable to flat and Val-Pac growing. 2 1/4 to 3 inch plants for spring bedding sales are available from a January sowing, while dwarf varieties sown in August will produce excellent blooming pot plants in November and December.

Impatiens like heat and moisture, suggest 70° minimum for best germination results and keep moist.

★DWARF IMPATIENS

The new "Baby" strain has been selected for its dwarf compact habit, rich color tones, abundance of bloom and low spreading habit.

Orange Baby. Uniform and flat variety with bright orange-scarlet flower. 6 in.

Pink Baby. The delicate pink flower blends well with the darker shades. Color and habit comparable to Pink Sprite.

Scarlet Baby. Bright scarlet with rich bronze-green leaf and dark stem.

Each of the above 3: Trade pkt. (1/128 oz.), \$1.50; 1/32 oz., \$3.50; 1/16 oz., \$6.50; 1/8 oz., \$12.00.

White Baby. Pure white flower with clear green leaf. Plant habit and flower size and color similar to Pixie White.

Trade pkt. (1/128 oz.), \$2.00; 1/32 oz., \$6.00; 1/16 oz., \$11.00; 1/8 oz., \$20.00.

**Instant
Glamour**

Baby Mixed. Ours is a well-balanced blend which includes all popular colors in this newest dwarf strain. Trade pkt. (1/128 oz.), \$1.50; 1/32 oz., \$3.50; 1/16 oz., \$6.50; 1/8 oz., \$12.00.

Beauty of Klettgau. Brilliant fire-scarlet red changing to deep salmon-orange. Compact plant, light green leaf. Very free flowering. 6 in.

Blaze. Bright orange-scarlet with contrasting deep bronze leaf. Plants of dwarf spreading habit. 6 in.

Each of the above 2: Trade pkt. (1/128 oz.), 85c; 1/32 oz., \$2.50; 1/16 oz., \$4.00; 1/8 oz., \$7.20; 1/4 oz., \$13.00.

TALL IMPATIENS

Tall Varieties Choice Mixed. A bright mixture that includes shades of lilac, carmine, salmon pink and scarlet. 9 to 12. in. Trade pkt. (1/64 oz.), 40c; 1/16 oz., \$1.10; 1/8 oz., \$1.90; 1/4 oz., \$3.50.



WHITE BABY



PINK BABY



Annual Larkspur

ANNUAL 8,500 seeds oz. 54° 3-4 weeks

Larkspur does not germinate well in hot weather and we recommend chilling seed for several days in an ice box (45°-50°) if sowing must be made in summer heat.

For growing under glass to follow late Mums, we recommend a planting in late December to early January, and band or pot the seedlings. Plants are spaced 10 x 10 in. on raised benches and grown at 45°-50°.

Direct ground sowing will bring Larkspur into crop in early spring. From an August 15th to September 15th sowing, seedlings will be of sufficient size to winter over if given a light mulch. Another method is to sow seed in late October to November so it will not germinate until early the following spring. Care should be made to select a location with good drainage.

Extensive Larkspur trials over a period of years, under glass and outdoor cultivation, have caused us to revise our listing. We have included only those colors which have proven most satisfactory under varied growing conditions and at the same time are in popular demand.

All are the popular "Base Branching" type. Long spikes, closely set with full-double flowers. Upright growth, early, vigorous growers.

White (White King-White Supreme)

Pink (Regal Pink-Pink Supreme)

Deep Rose (Regal Rose-Rose Supreme)

Salmon Pink (Exquisite Pink Improved)

Salmon Rose (Salmon Supreme-Gloria Improved-Miss California)

Lilac (Lilac Spire-Lilac Supreme)

Medium Blue (Blue Bell, Regal Light Blue)

Dark Blue (Blue Spire-Regal Dark Blue-Dark Blue Supreme)

Carmine (Carmine King Improved)

Formula Mixture

Each of the above: Trade pkt. (1/4 oz.), 50c; 1/2 oz., 90c; oz., \$1.60; 4 oz., \$5.25; lb., \$16.00.

Improved Giant Hyacinth-Flowered—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

Mixed. A formula-blend in a full range of color.

Trade pkt. (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$10.00.

★ Jacaranda

ANNUAL 86° 2-4 weeks

Mimosaefolia. A tree in subtropical regions with foliage as finely cut as a fern, symmetrical and elegant. Showy blue or violet flowers valuable in the north for conservatory decorations or subtropical bedding. Young plants make attractive pot plants.

100 seeds, 60c; 1,000 seeds, \$5.00

Kalanchoe

ANNUAL 14,000 seeds 1/64 oz. 68° 1-2 weeks

A showy dependable plant of great brilliance much in demand for the house.

Although the normal flowering season is January or February, plants can be had in flower for Christmas from a January sowing. Shade 4 weeks starting September 1. Recommend 60° minimum nights. Requires good air circulation.

★ **Brilliant Star.** Flowers three times the size of ordinary varieties, a rich fiery red with dark green foliage. Compact growth. Ideal for pots or as cutting material.

Trade pkt. (2000 seeds), \$1.20; 1/128 oz., \$2.20; 1/64 oz., \$3.85; 1/32 oz., \$7.00.

★ **Tom Thumb.** Perfectly rounded symmetrical plants covered with small bright scarlet flowers.

Trade pkt. (2000 seeds), \$1.50; 1/128 oz., \$3.00; 1/64 oz., \$5.50; 1/32 oz., \$10.00.

★ **Yellow Darling.** The flower of a strong lemon-yellow combined with foliage of shining green make it a perfect plant for flower combinations when used with the dwarf red Kalanchoe, Primula or Saintpaulia. 6 in. Trade pkt., (500 seeds) \$1.50.

Kale Flowering

ANNUAL 12,800 seeds oz.

Large fringed leaf in various color tones that include ivory, rose, green as well as deep purple. In late Fall and early Winter this plant is at its best. Sow in early July for a brilliant display as a winter pot plant.

Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.10; oz., \$3.30.

Kochia

ANNUAL 30,800 seeds oz. 68-86° 1-2 weeks

CHILDSII (Summer Cypress).

Trade pkt. (1/4 oz.), 25c; 1/2 oz., 35c; oz., 55c; 4 oz., \$1.50.

Lantana

ANNUAL 1,300 seeds oz. 68-86° 6-7 weeks

A showy annual bedding plant. Most satisfactory where summer heat is excessive. Sow early and give bottom heat.

Dwarf Mixed. 1 ft. Trade pkt. (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Tall Mixed. 2 1/2 ft. Trade pkt. (1/8 oz.), 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Lathyrus (Perennial Sweet Pea)

PERENNIAL 500 seeds oz. 68-86° 2-3 weeks

Latifolius. Short stemmed flowers, freely produced. Quite hardy, shows resistance to excessive heat.

Pink Beauty. Deep rose.

Red. Rosy-purple.

White Pearl. Pure white.

Mixed. A formula blend.

Each of the above: Trade pkt. (1/4 oz.), 60c; oz., \$1.80.

Lavandula Vera

PERENNIAL 32,000 seeds oz. 52-90° 2-3 weeks

Munstead Strain. Large sweet scented flowers in abundance. It flowers a month earlier than the common Lavender; an improved Vera. 1 ft.

Trade pkt. (1/16 oz.), 45c; 1/4 oz., \$1.25; oz., \$3.75.

Liatris

PERENNIAL 9,500 seeds oz. 68-86° 3-4 weeks

The long decorative spikes make excellent cutflowers. Easily grown from seed.

Pyncostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft.

Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.00; oz., \$3.00.

September Glory. 6 ft. Spike covered with purple flowers.

Trade pkt. (1/16 oz.), 65c; 1/4 oz., \$2.00; oz., \$6.00.



LOBELIA WHITE LADY, ROSAMOND, BLUE GOWN

Lilies

PERENNIAL 8,000 seeds oz. 68° 3-5 weeks

Longiflorum Praecox White Queen. Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white.

Trade pkt. (1/32 oz.), \$1.65; 1/16 oz., \$3.00; 1/8 oz., \$5.50.

Regale White. Large trumpets of glossy white with a pure yellow center and slight tinge of pink to exterior of petals. Very hardy; consistent free bloomer. Unusually fragrant. 3 to 4 ft.

Trade pkt. (1/16 oz.), 70c; 1/4 oz., \$2.00; oz., \$6.00.

Tenuifolium. (Siberian Coral Lily). Flowers dazzling coral red, up and down the stem. 20 in.

Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.10; oz., \$3.30; 4 oz., \$10.00.

Mixed. Includes all the popular sorts.

Trade pkt. (1/16 oz.), 65c; 1/8 oz., \$1.10.

Linaria

ANNUAL 460,000 seeds oz. 54° 2-3 weeks

★**Northern Lights.** Brilliant new colors which include clear whites, bright yellows, vibrant blues and carmines, also reds and bronzes with yellow lips. Plants grow 15 in. high, bushy erect.

Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Linum (Perennial Flax)

PERENNIAL 8,500 seeds oz. 54° 3-4 weeks

Perenne. Very pretty pale blue flowers on slender stems. 30 in.

Trade pkt. (1/4 oz.), 30c; oz., 75c; 4 oz., \$2.25.

Flavum Compactum. The dark green foliage accents the golden yellow flower. Ideal for rock gardens. 8 in.

Trade pkt. (1/16 oz.), 50c; 1/4 oz., \$1.50; oz., \$4.50.

Lunaria

PERENNIAL 1,500 seeds oz. 68° 2-3 weeks

Biennis. (Honesty). Dark Crimson flowers, silver pod.

Trade pkt. (1/4 oz.), 40c; oz., \$1.40; 4 oz., \$4.20.

Biennis Alba. White flower, silvery pod.

Trade pkt. (1/4 oz.), 40c; oz., \$1.40; 4 oz., \$4.20.

Lychnis

PERENNIAL 64,000 seeds oz. 68° 3-4 weeks

Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft-salmon pink. May. 2 to 3 ft.

Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Chalcedonica. Vivid scarlet flowers. 36 in.

Trade pkt. (1/8 oz.), 30c; 1/4 oz., 55c; oz., \$1.60; 4 oz., \$4.75.

Haageana Hybrida Mixed. Extra choice, 18 in.

Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.10; oz., \$3.30.

Marigolds

(See pages 22-23)

Lobelia

ANNUAL 725,000 seeds oz. 68-86° 2-3 weeks

Brilliant blues lacking in other plants can be found in the Lobelia. Recommend their use in semi-shaded locations and for plant combinations.

Blue Gown. Clear deep blue, without eye, fine compact habit.

Crystal Palace Compacta, 4 in. Deep blue dark foliage.

Cambridge Blue. Light blue with green foliage.

★**Mrs. Clibran Improved.** Deep blue with large white eye, light foliage. Free flowering, compact habit, finest for pots and border planting. 4 in.

★**Rosamond.** So novel the color and compact the plant, this rich carmine-red Lobelia has quickly become a favorite. A fine edging plant and readily adaptable to rock garden use. Blooms over a long season.

★**White Lady** (Snowball Improved). Dwarf pure white.

Each of the above 6: Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.10; oz., \$3.30; 4 oz., \$10.00.

Pendula. (For hanging baskets).

Hamburgia. Sky-blue, white eye, dark foliage.

★**Sapphire.** Deep navy-blue, white eye.

Each of the above 2: Trade pkt. (1/16 oz.), 40c; 1/4 oz., \$1.15; oz., \$3.50.

PERENNIAL 725,000 seeds oz. 68-86° 3-4 weeks

Cardinalis. (Cardinal Flower). Rich, fiery cardinal flowers. Needs moist shady location. 36 in.

Trade pkt. (1/64 oz.), 50c; 1/16 oz., \$1.50.

Lupinus

ANNUAL 1,300 seeds oz. 68° 2-3 weeks

HARTWEGII GIANTS OR KING LUPINUS. For a spring cut-flower crop in 3 inch pots, sow in January. Space close and flower one spike to a plant. 3 ft.

For April-May cutflowers, sow August-September, space 8x8 inches on raised bench.

King Dark Blue

King Sky Blue

King Mixed

King Heliotrope

King White

Each of the above: Trade pkt. (1/4 oz.), 30c; oz., \$1.00; 4 oz., \$3.00.

Subcarnosus Texensis (Texas Blue Bonnet). Dwarf blue. 12 inches. oz., 80c; lb., \$8.00.

PERENNIAL 1,500 seeds oz. 68° 2-3 weeks

Likes cool weather. Requires a well-drained location. Fine for cutting.

POLYPHYLLUS

Russell. Most unusual colors and color combinations. The flower-ettes are much larger than the other Polyphyllus varieties.

Trade pkt. (1/8 oz.), 40c; 1/4 oz., 65c; oz., \$2.20; 4 oz., \$6.60.

Nitragin. For inoculating Lupin seed. **Garden size 25c.**

Lythrum

PERENNIAL 135,000 seeds 1/4 oz. 68° 2-3 weeks

Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in.

Trade pkt. (1/8 oz.), 40c; 1/4 oz., 70c; oz., \$2.00; 4 oz., \$6.00.

Marvel Of Peru

ANNUAL 325 seeds oz. 68-86° 2-3 weeks

Mixed. The "old-fashioned" Four O'Clock in a range of color that is bright and interesting. Oz., 40c; 4 oz., \$1.10; lb., \$3.30.

Matricaria

PERENNIAL 145,000 seeds oz. 68-86° 2-3 weeks

Ultra Double White. A select Florist Strain with flowers so double it closely resembles the quality usually obtained from cuttings. Pure white, ball-shaped flowers on compact plants. 2 ft.

Trade pkt. (1/32 oz.), \$1.10; 1/16 oz., \$2.00; 1/8 oz., \$3.30; 1/4 oz., \$6.00; oz., \$18.00.

Golden Ball. Striking double golden yellow. 8 in.

Trade pkt. (1/16 oz.), 45c; 1/4 oz., \$1.25; oz., \$4.00.

Double White Select. A good strain of double and semi-double flowers. The yellow center is more noticeable in this selection. Trade pkt. (1/32 oz.), 40c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; oz., \$6.00.



AGERATUM BLUE MINK — MARIGOLD SPUN GOLD

Climax Marigolds F-1 Hybrids

Full double, giant globular blooms averaging 5 in. and more across. Long graceful stems, an excellent cutflower. A true F-1 hybrid, they are more free flowering and vigorous than ordinary strains. 2½-3 ft.

Golden Climax. Deep golden yellow.

Toreador. (Bronze Medal All America 1960). Rich orange.

Yellow Climax. Bright yellow.

**Instant
Glamour**

Climax Mixed. A well-balanced blend which includes all colors in just the right proportions. Lush green foliage provides a perfect foil for the rich color tones of the Climax Marigolds.

Each of the above 4: Trade pkt. (¼ oz.) 85c; ½ oz., \$2.50; ¾ oz., \$4.50; 1 oz., \$8.00; 2 oz., \$25.00.



MARIGOLD F-1 CLIMAX MIXED

Tall Marigolds For Cutting

TALL AFRICAN

ANNUAL 10,000 seeds oz. 68-86° 1-2 weeks

A Spring crop of cutflower Marigolds will prove most profitable. From seed sown in January-February you will have a nice cut in April-May. Grow single stem and space 4 x 5 inches, as you would Snaps. While the Double Fistulosa and Carnation Flowered types are recommended for this purpose, we urge you include some of the Chrysanthemum Flowered sorts for variety. Be sure to include the new Climax Marigolds. Their giant yet graceful flowers will be certain to attract attention.

**Instant
Glamour**

Spun Gold. (Bronze Medal All America 1960).

An early dwarf of compact bushy growth. The large double blooms with incurved petals of bright golden-yellow are chrysanthemum-like in form. Foliage is a medium green. An all-around variety for mass effect, borders, flat and combination work—an excellent pot plant. Combine with Ageratum Blue Mink (see our color illustration) or Blue Lobelia, for an effective arrangement.

Trade pkt., (¼ oz.) 65c; ½ oz., \$2.00; 1 oz., \$6.00; 4 oz., \$18.00.

Double Fistulosa

An especially fine tall branching strain bearing enormous flowers of the quilled type. We consider this the finest long-stemmed cutflower strain.

★**All Double Orange.** Comes almost 100% full-double.

★**All Double Lemon.** Identical to the above except for its rich lemon yellow color.

Each of the above: Trade pkt., (¼ oz.) 35c; ½ oz., 60c; 1 oz., \$1.80; 4 oz., \$5.50.

Carnation Flowered

The loosely ruffled broad petaled flower, 3 inches or more across, is borne on 2 to 2½ ft. branching plants. Nearly 100% double.

Burpee Gold Improved. Rich deep orange. Odorless.

Guinea Gold. Orange flushed gold.

★**Man-in-the-Moon.** Full-double ruffled pale moon-yellow flower. Excellent for cutting.

Real Gold. Golden orange illumined with yellow. Free flowering.

★**Yellow Supreme.** Loose frilled creamy yellow petals. Fragrant.

Each of the above: Trade pkt., (¼ oz.) 35c; ½ oz., 60c; 1 oz., \$1.80; 4 oz., \$5.50.

Chrysanthemum Flowered

Compact flowers with petals tightly incurved, 2½ to 3 inches across, on plants 2 to 3 ft. high. In appearance they resemble the large green house grown Mum.

★**Glitters.** Soft clear yellow flower; rich dark green foliage.

Trade pkt., (¼ oz.) 55c; ½ oz., \$1.00; 1 oz., \$3.00; 4 oz., \$9.00.

Goldsmith. Rich golden-orange. Early enough for our northern garden. Trade pkt., (¼ oz.) 40c; ½ oz., 70c; 1 oz., \$2.20; 4 oz., \$6.60.

Mammoth Mum. The largest in this group. Light sulphur yellow. Trade pkt., (¼ oz.) 55c; ½ oz., \$1.00; 1 oz., \$3.00; 4 oz., \$9.00.

Chrysanthemum Flowered Hybrids (Mission Giants) Mixed. A well-balanced mixture, from deep golden orange to clear lemon yellow. Trade pkt., (¼ oz.) 35c; ½ oz., 60c; 1 oz., \$1.80; 4 oz., \$5.50.

Peony Flowered (Gigantea)

Strong growing plants 3½ ft. tall, huge ruffled, tightly petaled blooms resembling large peony flowers. The largest flowered Marigolds.

★**Crackerjack.** Uniformly large, full-double 4-5 in. blooms, freely produced on long strong stems. A full range of Marigold colors including primrose, yellow, gold and orange. A formula blend which insures perfect color balance. Early flowering. 3 ft. Trade pkt., (¼ oz.) 55c; ½ oz., \$1.00; 1 oz., \$3.00; 4 oz., \$9.00.

Vaughan's Special Mixture Tall African Doubles. A formula-blend which includes the old favorites as well as newer varieties as introduced. Might well be called a "Treasure Chest" of Double Tall African sorts.

Trade pkt., (¼ oz.) 35c; ½ oz., 60c; 1 oz., \$2.00; 4 oz., \$6.00.



MARIGOLD BROWNIE SCOUT

"Blossoms for the Birthday Years"

Flowers are a rich gold color with small red fleck near the base of the petals. Plants bloom from early summer until frost, are dwarf and compact. Ideal for edgings, borders or use as cut flowers in low bouquets. There will be much demand for bedding plants of this Marigold which commemorates the Girl Scouts 50th Anniversary. Trade pkt. ($\frac{1}{8}$ oz.) 55c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

DOUBLE DWARF FRENCH

All dwarf Marigolds which grow quite uniform in flats can be easily sold in spring for bedding or border plants. Florists near cemeteries find ready sales for these.

★ **Butterball.** Scabiosa-like flower of canary yellow. Early and continuous bloomer. 6 to 10 inches tall; compact. Very early.

★ **Color Magic.** An unusually striking blend of colors from red to golden yellow with many bicolor combinations of red, bronze, orange and gold. Full-double, very large flowers averaging 2½ inches across. Compact plant. 10 in.

Extra Dwarf Harmony. Color of Spry, with dwarfer habit.

Harmony. Bright golden yellow, rich maroon-red border.

★ **Lemondrop.** Canary Yellow. Early, profuse bloomer. 9 in.

★ **Rusty Red.** Large fully double flowers averaging 2 inches across of rich rusty red, delicately edged golden yellow.

★ **Spry.** Light yellow crested center, guard petals of rich mahogany red.

★ **Sunkist.** Scabiosa-like flowers of solid deep golden orange. Very dwarf and compact. 9 in.

★ **Tangerine.** A distinct shade of bright tangerine-orange. Full-double flowers. Early continuous bloomer. 12 in.

Each of the above: Trade pkt., ($\frac{1}{8}$ oz.) 35c; $\frac{1}{4}$ oz., 65c; oz., \$2.00; 4 oz., \$6.00.

Vaughan's Special Mixture of Newer Varieties of Dwarf French including Spry, Butterball, Sunkist, etc.

Trade pkt., ($\frac{1}{8}$ oz.) 35c; $\frac{1}{4}$ oz., 65c; oz., \$2.00; 4 oz., \$6.00.

MEXICAN MARIGOLD

For Pots and Edging

Signata Pumila Ursula. A free flowering strain. The $\frac{7}{8}$ inch florets are a bright golden orange with a brighter orange zone and eye. For border, edgings and rockery. Trade pkt., ($\frac{1}{16}$ oz.) 40c; $\frac{1}{4}$ oz., \$1.20; oz., \$3.60.

Signata Pumila Lulu. Very compact dome shaped plant growing 7 inches tall. Completely covered with dainty single florets in a pleasing shade of bright canary yellow without zone but with a small dark eye. Trade pkt., ($\frac{1}{16}$ oz.) 40c; $\frac{1}{4}$ oz., \$1.20; oz., \$3.60.



MARIGOLD PETITE

Dwarf Marigolds for Bedding

The dwarf varieties which are indicated by a star (★) are especially valuable for early spring as combination plants.

★Petite Strain

An extra dwarf, uniformly even, early and free flowering strain for borders and mass effects. Retains its dwarf habit under the most adverse conditions. Particularly desirable for the flat grower. Compact growth, 6 inches tall. An ideal edging plant. (All America Bronze Medal 1958).

Petite Gold.
Petite Yellow.
Petite Spry.

Petite Harmony.
Petite Orange.
Petite Formula Mixed.

Each of the above: Trade pkt., ($\frac{1}{8}$ oz.) 55c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.



★ **Dwarf Master Blend.** An extra dwarf strain. Early and free flowering, blooming while plants are very small. A good range of Marigold colors. We recommend this to the flat grower because its earliness permits flowers in full bloom at time of sale. Ideal for edgings and combinations. 6 in.

Trade pkt., ($\frac{1}{8}$ oz.) 55c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

SINGLE DWARF FRENCH

★ **Dainty Marietta.** Dwarf compact plant, larger than average flower composed of 5 or 6 overlapping petals of soft golden yellow with a contrasting blotch of rich maroon at base of petal.

Flash. Bright color combinations ranging from vivid red through bronze and yellow. In most flowers a base color of tangerine is overlaid with rich marigold-red. 18 in.

★ **Naughty Marietta.** Golden yellow flowers with mahogany base. Very showy. Free flowering.

★ **Red Head.** Crested center of golden petals edged maroon is surrounded by a single row of broad petals of rich mahogany. Compact, dwarf plant. 1 ft.

Sunny. Cheerful bright yellow flower with attractive wavy edged petals. Blooms freely produced over a long season. 15 in.

Each of above 5: Trade pkt., ($\frac{1}{8}$ oz.) 35c; $\frac{1}{4}$ oz., 65c; oz., \$2.00; 4 oz., \$6.00.

★CUPID MARIGOLDS

An odorless foliaged African type Marigold of dwarf compact habit. Large mum-like blooms cover the plant. Can be had in flower in 3 inch pots when plants are but 4 to 6 inches tall. For flat sales recommend early February sowing. 8 to 10 in.

Cupid Yellow **Cupid Golden** **Cupid Orange**
Cupid Mixed. A formula blend of the above.

Each of the above: Trade pkt., ($\frac{1}{16}$ oz.) 55c; $\frac{1}{4}$ oz., \$1.75; oz., \$5.00; 4 oz., \$15.00.

Mesembryanthemum

ANNUAL 100,000 seeds oz. 68° 1-3 weeks
Criniflorum (Livingstone Daisy). The plants are literally covered with one-inch flowers of the most delightful shades. Need full sun and lots of water. 6 in.
 Trade pkt. ($\frac{1}{16}$ oz.), **45c**; $\frac{1}{4}$ oz., **\$1.25**; oz., **\$4.00**.

Mignonette

ANNUAL 30,000 seeds oz. 54° 2-3 weeks
 Sow in January for Spring cutting.
True Machel. Vaughan's Selected Stock. Fragrant. The finest greenhouse strain.
 Trade pkt. ($\frac{1}{8}$ oz.), **35c**; $\frac{1}{4}$ oz., **50c**; oz., **\$1.50**; 4 oz., **\$4.00**; lb., **\$12.00**.

Mimosa

ANNUAL 4,500 seeds oz. 54-90° 3-4 weeks
Pudica. (Sensitive Plant).
 Trade pkt. ($\frac{1}{8}$ oz.), **35c**; $\frac{1}{4}$ oz., **60c**; oz., **\$2.00**; 4 oz., **\$6.00**.

Myosotis (Forget-Me-Not)

PERENNIAL 42,000 seeds oz. 68° 2-3 weeks
ALPESTRIS. Exquisite sprays of flowers produced in abundance.
Indigo Blue. (Royal Blue). 12 in.
Indigo Blue Compacta. Deep blue.
Each of the above: Trade pkt. ($\frac{1}{16}$ oz.), **45c**; $\frac{1}{4}$ oz., **\$1.20**; oz., **\$3.60**.
ALPESTRIS VICTORIA. Dwarf bushy globular plants, bearing a profusion of large flowers. Attains a height of 5 to 7 inches.
Indigo Blue. Rosea. Sky-blue. White. Mixed.
Each of the above 5: Trade pkt. ($\frac{1}{16}$ oz.), **50c**; $\frac{1}{8}$ oz., **85c**; $\frac{1}{4}$ oz., **\$1.50**; oz., **\$5.00**.
Palustris Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft.
 Trade pkt. ($\frac{1}{16}$ oz.), **35c**; $\frac{1}{4}$ oz., **95c**; oz., **\$3.00**.
Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used for cutting and valuable for pots or bedding.
 Trade pkt. ($\frac{1}{16}$ oz.), **35c**; $\frac{1}{4}$ oz., **95c**; oz., **\$3.30**.

Nasturtium

ANNUAL 175 seeds oz. 68° 1-2 weeks
 Excellent for cutting. Long stemmed fragrant blossoms, richly colored.
Double Gleam Type. Vigorous grower for greenhouse cutting and window box. Climbing or trailing.
Golden Gleam. Yellow. **Mahogany.** Dark mahogany-red.
Orange Gleam. Orange. **Scarlet Gleam.** Very brilliant.
Glorious Gleam Hybrids. Wonderful range of color.
Each of the above 5: oz., **40c**; 4 oz., **\$1.25**; lb., **\$4.00**; 10 lb., **\$36.00**.
Double Dwarf Type. Plants of dwarf, compact growth are covered with blooms that are fully as large and double as the Gleam type.
Cherry Rose. Very bright. Carries flowers well above the foliage.
Golden Globe. Yellow. **Globe of Fire** (Scarlet Gem).
Gem Mixed. Excellent color range.
Each of the above 4: oz., **45c**; 4 oz., **\$1.50**; lb., **\$4.50**; 10 lb., **\$42.50**.
Dwarf Single. 240 seeds oz. 12 in.
Vaughan's Special Dwarf Mixture. Includes all the colors in this type.
 Oz., **35c**; 4 oz., **\$1.00**; lb., **\$3.00**; 10 lb., **\$28.00**.

Nemesia

ANNUAL 90,000 seeds oz. 55° 2-3 weeks
Strumosa Suttoni Mixed. 1 ft. The long stemmed large flowers are fine for spring cutting. 1 ft.
 Trade pkt. ($\frac{1}{16}$ oz.), **35c**; $\frac{1}{4}$ oz., **\$1.10**; oz., **\$3.30**.
Carnival Mixed. (Dwarf). A full-color mixture with large flowers on base branching compact plants. Very bright. Fine for pots and combinations. 9 in.
 Trade pkt. ($\frac{1}{16}$ oz.), **40c**; $\frac{1}{4}$ oz., **\$1.20**; oz., **\$3.60**.

Nepeta

PERENNIAL 52,000 seeds oz. 68° 2-3 weeks
Mussini. X Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft.
 Trade pkt. ($\frac{1}{16}$ oz.), **40c**; $\frac{1}{4}$ oz., **\$1.00**; oz., **\$3.00**.

Nicotiana

ANNUAL 200,000 seeds oz. 68-86° 2-3 weeks
Affinis. White, sweet-scented. 32 in.
 Trade pkt. ($\frac{1}{8}$ oz.), **25c**; $\frac{1}{4}$ oz., **40c**; oz., **\$1.20**.
★Crimson Bedder. Rich deep crimson.
 Trade pkt. ($\frac{1}{8}$ oz.), **35c**; $\frac{1}{4}$ oz., **55c**; oz., **\$2.00**.
★Daylight. The white blooms remain fully open during even the most brilliant sunshine. When developed, the plants are of a very bushy habit, reaching a height of $1\frac{1}{2}$ to 2 feet, and about the same distance across, throwing an abundance of pure white flowers with the same delightful scent in the evening as *Nicotiana Affinis*, and makes an ideal subject for bedding purposes.
 Trade pkt. ($\frac{1}{8}$ oz.), **45c**; $\frac{1}{4}$ oz., **70c**; oz., **\$2.50**.
★Sensation Mixture. A brilliant color range heretofore lacking in *Nicotiana*. Bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white are found in an interesting variety of shades. Blooms remain open during the daytime.
 Trade pkt. ($\frac{1}{8}$ oz.), **45c**; $\frac{1}{4}$ oz., **70c**; oz., **\$2.50**.



NIEREMBERGIA PURPLE ROBE IMPROVED

★ *Nierembergia*

ANNUAL 5,300 seeds $\frac{1}{32}$ oz. 68-86° 2-3 weeks
Purple Robe Improved. The rich violet blue color is deeper than that of the original and the plants more dwarf and compact. This reselected strain does not fade under hot weather conditions.
 Trade pkt. ($\frac{1}{128}$ oz.), **55c**; $\frac{1}{32}$ oz., **\$1.75**; $\frac{1}{16}$ oz., **\$3.25**; $\frac{1}{4}$ oz., **\$9.75**.

Nigella

ANNUAL 11,000 seeds oz. 68-86° 2-3 weeks
Damascena, Miss Jekyll. Dark blue. 18 in.
 Trade pkt. ($\frac{1}{4}$ oz.), **40c**; oz., **\$1.20**.

Oenothera

PERENNIAL 350,000 seeds oz. 68-86° 1-3 weeks
Macrocarpa. (Missouriensis). Large yellow flowers, fine trailer, June-Sept. 12 in.
 Trade pkt. ($\frac{1}{32}$ oz.), **40c**; $\frac{1}{4}$ oz., **\$2.00**; oz., **\$6.00**.

Passiflora

ANNUAL 3,600 seeds oz. 68° 2-4 weeks
Coerulea Blue. (Passion Flower). Slender but strong grower. Flowers $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across, slightly fragrant, greenish white; the corona is blue at the tip, white in the middle and purple at the base.
 Trade pkt. ($\frac{1}{16}$ oz.), **55c**; $\frac{1}{8}$ oz., **90c**; $\frac{1}{4}$ oz., **\$1.65**; oz., **\$5.50**; 4 oz., **\$20.00**; lb., **\$60.00**.

Pennisetum

ANNUAL 14,500 seeds oz. 68-86° 3-4 weeks
Rueppelianum. Ornamental grass for edging Canna beds. Long graceful purple sprays.
 Trade pkt. ($\frac{1}{16}$ oz.), **35c**; $\frac{1}{4}$ oz., **90c**; oz., **\$3.30**; 4 oz., **\$10.00**; lb., **\$30.00**.



PANSY VAUGHAN'S SWISS MASTER BLEND

Pansies For Bedding

ANNUAL 24,000 seeds oz. 55-90° 2-3 weeks.

Pansies now vie with Petunias in importance as spring bedding plants. This popularity is due to improvements in strains in recent years, and newer methods of culture. The home gardener likes the Pansy—have plenty for early spring sales. Basically there are two methods of culture, either will assure your having strong healthy plants in bloom early.

Mid-winter sowing, late November through January. When seedlings are of a size to handle, transplant to small flats or "paks" and grow on cool, 50 degrees, and be assured of blooming plants for earliest sales. Six blooming pansy plants in a Vaughan Val-Pac container is something the home gardener will find hard to resist.

Summer sowing, early August, has for many years been the accepted time to start pansies. Spaced 4 x 6 inches in a cold frame, given winter protection, loose straw, perhaps, plants will be well established before winter sets in. Here again blooming plants are available early in Spring.

Separate Colors

Adria. (Swiss). Large flowers of a rich dark blue.

Alpenglow. (Swiss). Rich wine-red shades.

Berna. (Swiss). Dark violet-blue.

Blue. (Swiss). (Ullswater, Thuner Sea). The most distinct rich ultramarine blue with darker blotches.

Coronation Gold. (Swiss). Perfectly round golden-yellow flowers with slightly ruffled edges. The best pure yellow pansy.

Delft Blue. Porcelain-blue.

Firebeacon. (Swiss). Bright wallflower-red with a touch of orange.

Giant Orange. Deep pure orange center shading to apricot.

Monch. (Swiss). Pure yellow, early flowering.

Raspberry Rose. (Swiss). Soft pink with a contrasting blotch of a deeper velvety tone.

Rhinegold. (Swiss). Canary-yellow with dark blotches.

White. (Swiss). Creamy white, yellow eye.

Each of the above 12: Trade pkt. ($\frac{1}{16}$ oz.), 95c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.25; oz., \$10.00; 4 oz., \$36.00; lb., \$108.00.

Paper White. Large flowers of pure white, comparing favorably to the Swiss.

Trade pkt. ($\frac{1}{32}$ oz.), 90c; $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.00; oz., \$15.00; 4 oz., \$45.00; lb., \$135.00.

Pay Dirt. Large golden yellow flower, some with dark rays, others with tiny dark faces. Fine growth habit. Resistant to Summer heat.

Trade pkt. ($\frac{1}{32}$ oz.), 90c; $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.00; oz., \$15.00; 4 oz., \$45.00; lb., \$135.00.

Our Five Best

Instant Glamour

Vaughan's Swiss Master Blend. Another Vaughan "Pansy First." A brilliant array of color. Strong stems hold large flowers well above the rich green foliage. Truly outstanding.

Trade pkt. ($\frac{1}{16}$ oz.), \$1.50; $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.00; oz., \$15.00; 4 oz., \$50.00; lb., \$200.00.

Vaughan's Super Swiss Giant Mixture. Our most popular bedding Pansy. Large flowers, thick overlapping petals of good substance, brilliant colors, strong stems, make this outstanding for cutting or bedding.

Trade pkt. ($\frac{1}{16}$ oz.), 95c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.25; oz., \$10.00; 4 oz., \$36.00; lb., \$108.00.

Vaughan's Super Maple Leaf "Canadian Giants" Mixture. A distinct selection out of Maple Leaf Giants. Rich dark green foliage, flowers of gigantic size and substance, good stems and a beautiful color range. Plants of compact, sturdy growth.

Trade pkt. ($\frac{1}{16}$ oz.), 95c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.25; oz., \$10.00; 4 oz., \$36.00; lb., \$108.00.

Color Carnival. An American strain of exceptional quality and substance. Swiss Giant type blooms on strong vigorous plants. The magnificent color range, heavy in red and scarlets, is further enhanced rich blues. All flowers attractively blotched.

Trade pkt. ($\frac{1}{32}$ oz.), \$1.50; $\frac{1}{16}$ oz., \$2.50; $\frac{1}{8}$ oz., \$4.50; $\frac{1}{4}$ oz., \$8.00; oz., \$24.00.

Roggli Elite Mixed. Recommended for its large flower and uniformity of color and habit. Predominately red tones many attractively blotched flowers. We offer Introducer's Imported Seed.

Trade pkt. ($\frac{1}{32}$ oz.), \$1.50; $\frac{1}{16}$ oz., \$2.50; $\frac{1}{8}$ oz., \$4.50; $\frac{1}{4}$ oz., \$8.00; oz., \$24.00.

Popular Pansy Mixtures

Amsterdam Giant. A very early free flowering strain with a long season of bloom, showing great resistance to heat. Bright colors, large flowers 3 to 4 inches across. A favorite "Basket Pansy" in Europe and along our East Coast.

Trade pkt. ($\frac{1}{16}$ oz.), 80c; $\frac{1}{4}$ oz., \$2.50; oz., \$7.50; 4 oz., \$22.50; lb., \$68.00.

★Jumbo Mixed. Extra large and early; long stemmed flowers. An outstanding favorite in the South.

Trade pkt. ($\frac{1}{16}$ oz.), 95c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.25; oz., \$10.00; 4 oz., \$36.00; lb., \$108.00.

Vaughan's Dwarf Super Swiss Mixed. This type, being shorter and more compact, is suitable to plant sales. The color range is as good as that of the Super Swiss.

Trade pkt. ($\frac{1}{16}$ oz.), 90c; $\frac{1}{8}$ oz., \$1.60; $\frac{1}{4}$ oz., \$2.65; oz., \$9.00; 4 oz., \$33.00; lb., \$100.00.

Vaughan's Long Stemmed Winter-Flowering Mixed. Re-selected. It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of a very good substance and sweet scented. Sow in summer for Mid-winter blooming and give support early.

Trade pkt. ($\frac{1}{32}$ oz.), 90c; $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.25; oz., \$16.00; 4 oz., \$48.00.

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free flowering.

Trade pkt. ($\frac{1}{16}$ oz.), 90c; $\frac{1}{8}$ oz., \$1.60; $\frac{1}{4}$ oz., \$2.70; oz., \$10.00; 4 oz., \$30.00; lb., \$90.00.

Clear Crystals. An early free flowering strain with flowers slightly ruffled and a bit smaller than the Swiss. A range of color that includes scarlet-red, wine-purple, orange, lilac, golden yellow, true blue, violet and white, all without blotches. Nicely rounded compact plant. Has a long season of bloom, and shows a tendency to withstand extreme temperatures.

Trade pkt. ($\frac{1}{16}$ oz.), \$1.00; $\frac{1}{4}$ oz., \$2.50; oz., \$7.50; 4 oz., \$22.50; lb., \$68.00.

Engelmann's Giant Mixture. Dark and light shades, immense flowers, compact plant. Early flowering.

Trade pkt. ($\frac{1}{16}$ oz.), 90c; $\frac{1}{8}$ oz., \$1.60; $\frac{1}{4}$ oz., \$2.65; oz., \$9.00; 4 oz., \$33.00; lb., \$100.00.

Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage.

Trade pkt. ($\frac{1}{32}$ oz.), 80c; $\frac{1}{16}$ oz., \$1.20; $\frac{1}{8}$ oz., \$2.25; $\frac{1}{4}$ oz., \$4.00; oz., \$12.00.

Swiss Giant Mixture. A choice strain in a good range of color, not so complete as our Super Swiss Mixture.

Trade pkt. ($\frac{1}{16}$ oz.), 90c; $\frac{1}{4}$ oz., \$3.00; oz., \$9.00; 4 oz., \$27.00; lb., \$75.00.

All Doubles...



PETUNIA VAUGHAN'S ALL DOUBLE DWARF
MASTER BLEND

**Instant
Glamour**

Vaughan's All Double Dwarf Master Blend.

We consider this the finest All Double Mixture. Blended from a special formula, it contains all the important and popular florist colors in just the right proportions—all carefully selected for height uniformity, color demand and bloom time. We recommend transplanting **all**, not just the stronger plants.

1/2 Trade pkt. (500 seeds), \$2.50; Trade pkt. (1000 seeds), \$4.00;
1/128 oz., \$7.50; 1/64 oz., \$14.50; 1/32 oz., \$28.00; 1/16 oz., \$55.00;
1/8 oz., \$110.00.

ANNUAL 280,000 seeds oz. 68° 1-2 weeks

Sow "Doubles" earlier than ordinary strains to have for sale at the same time. For "flat" or "pak" sales, allow 12 to 15 weeks from sowing to sale date—depending on your market needs. In Chicago, sow no later than December 15 for 3 inch for May combinations. January 1 sowing, grown cool, 50°, will insure strong 3 inch for late May. Well shaped plants with several blooms in 4 to 5 inch for April and May pot plants, or 3 inch for March, result from seed sowing not later than November 15.

Like all other Petunias—"Doubles" need good drainage and cool temperatures. Dwarf habit of growth is lost if grown too high. 55° is ideal.

All break readily but Sonata and Minuet respond best to one pinch.

★**All Double Lyric.** Large full-double blooms of rich light pink, lightly veined. Uniformly double, fully fringed flowers on plants that are dwarf, yet strong and vigorous growing. A clean clear pink for pots, bedding and combinations. Lyric supplies a color long missing in the All Double Petunias.

1/2 Trade pkt. (500 seeds) \$2.75; Trade pkt. (1000 seeds) \$4.50; 1/128 oz., \$8.50; 1/64 oz., \$16.00; 1/32 oz., \$29.50; 1/16 oz., \$58.00; 1/8 oz., \$116.00.

For Pots—Bedding

PAN AMERICAN STRAIN

An American Grown Strain of great brilliance. The flowers are large, 3 1/2 to 4 inches across, full-double and well fringed. Plants dwarf and compact. Recommend pinching for more dwarfness and better branching. Exceptionally fine for pot plants.

★**Allegro Improved.** Deep salmon. Very early. Something very special when grown in 6 inch pots for Mother's Day.

Caprice Improved. Bright rose.

Minuet. Orchid-lavender. A bit taller than others, should be pinched.

Nocturne. Midnight purple flower, dwarf compact plant.

Presto. Variegated rose and white. A double version of the F-1 Grandiflora Crusader.

Rhapsody. Deep burgundy wine-purple.

★**Sonata.** Pure White. Pinch once and grow on in 6 inch for Mother's Day sales.

Each of the above 7: 1/2 Trade pkt. (500 seeds) \$2.75; Trade pkt. (1000 seeds) \$4.50; 1/128 oz., \$8.50; 1/64 oz., \$16.00; 1/32 oz., \$29.50; 1/16 oz., \$58.00; 1/8 oz., \$116.00.

Glorious Mixture. Our own formula-blend from separate colors. Taller plants should be pinched to induce better branching. Transplant all to insure color balance. Truly outstanding.

1/2 Trade pkt. (500 seeds), \$2.50; Trade pkt. (1000 seeds), \$4.00; 1/128 oz., \$7.50; 1/64 oz., \$14.50; 1/32 oz., \$28.00; 1/16 oz., \$55.00; 1/8 oz., \$110.00.

ALL DOUBLE PETUNIA COLLECTION

1 Trade Pkt. each (4 varieties)
For \$15.30

Allegro Improved. Deep salmon.

Sonata. Pure White.

Rosy Carmine Improved. Bright Rose.

Gaiety. Light rose-red and white bicolor.



PETUNIA ALL DOUBLE LYRIC

—Combinations

"Double Petunias" are one of the most popular and versatile of Spring bedding plants.

There is ready sale in "paks" or "flats"—6 or 12 plants to the "pak" is much in demand.

As a "Come-on" for the early shopper in March and April, offer 3 inch blooming pots. Resulting sales will surprise and please.

"Doubles" in 2¼ to 3 inch Val-Peat Pots or Jiffy Pots find ready sale. An open flower or a bud showing color is your best sales aid.

Three and four inch pots of "Doubles" are ideal for May combinations.

Heavy three to five inch pots are in demand for Mother's Day.

Our "Double Petunia" strains are the finest obtainable. Vaughan's greenhouse checks supply needed information on inside growing and plant habit. Our Field Trials at Cantigny, near Wheaton, Illinois, show reaction under outside Summer conditions. Why not visit these Trials—they are at their best from mid-July to end of August?

SAKATA (Japanese) STRAIN

The well doubled, fringed flowers, averaging 3½ in. across, are freely produced on plants that are bushy and dwarf. An attractive pot plant strain. 10 in.

Attraction. Brightest carmine-rose and white combination.

Blue Monarch. (Blue Brocade Improved). True violet blue.

★**Gaiety.** A bicolor, light rose-red with white ground. Lighter in tone than Attraction.

★**Rosy Carmine Improved.** (World Beauty or Pink Perfection). Bright rose, very popular among pot plant growers.

★**White Swan.** (Pure White Improved—Snowball). The largest white in this All Double group. Flowers measure fully 4½ inches across in its full-double, well fringed form.

All Double Dwarf Giant Fringed Mixed (Victorious). Included in our mixture are separate colors which give you a better balanced color range than usually found in blends of this sort.

Each of the above 6: ½ Trade pkt., (500 seeds), \$2.25; Trade pkt., (1000 seeds), \$4.00; 1/128 oz., \$6.50; 1/64 oz., \$12.00; 1/32 oz., \$22.00; 1/16 oz., \$40.00; 1/8 oz., \$80.00.



PETUNIA ALL DOUBLE SONATA



PETUNIA ALL DOUBLE CHERRY TART

DOUBLE MULTIFLORAS

The dwarf compact plants are completely covered with medium sized full-double carnation flowered type blooms. A "must" for the bedding plant grower—equally important for use in pots and combinations.

★**America Improved.** Rich rose-pink, coming uniformly double.
½ Trade pkt., (500 seeds) \$1.35; Trade pkt., (1000 seeds) \$2.50;
1/128 oz., \$4.50; 1/64 oz., \$8.00; 1/32 oz., \$14.50; 1/16 oz., \$28.00;
1/8 oz., \$55.00.



★**Cherry Tart.** The bright rose-pink color becomes vividly alive by its sharply contrasting pure white variegation.

Cardinal Riches. The first scarlet-red in the All Double Petunias. A much needed color—a profuse bloomer.

Each of the above 2: ½ Trade pkt., (500 seeds) \$1.75; Trade pkt., (1000 seeds) \$3.00; 1/128 oz., \$5.50; 1/64 oz., \$10.00; 1/32 oz., \$19.00; 1/16 oz., \$36.00; 1/8 oz., \$69.00.

POPULAR LARGE FLOWERED DOUBLES

You will want to include these in your list of bedding plants. Full-double blooms of good size, in an interesting range of colors.

★**Canadian Mixture.** Full double flowers which includes rose, pink, salmon, white and mauve.
½ Trade pkt., (500 seeds) \$2.50; Trade pkt., (1000 seeds) \$4.00;
1/128 oz., \$7.60; 1/64 oz., \$14.45; 1/32 oz., \$28.00; 1/16 oz., \$55.00.

★**Glorious Shades of Rose.** Giant double blooms; vigorous compact plants, in rich shades of rose, from lightest pink to deepest rose tone. Makes fine 4 to 5 inch pot plants for Easter, Mother's Day and spring combinations.
½ Trade pkt., (500 seeds) \$2.50; Trade pkt., (1000 seeds) \$4.00;
1/128 oz., \$7.60; 1/64 oz., \$14.45; 1/32 oz., \$28.00; 1/16 oz., \$55.00;
1/8 oz., \$100.00; 1/4 oz., \$180.00.

To better display your Double Petunia, grow on in Val-Peat or Jiffy Pots.

For More Petunia Profits Grow F-1

Since the introduction of the F-1 Hybrid Petunia, sales of this popular Annual have skyrocketed. Always a leader—Petunias are now "first" among the bedding and pot plant annuals from seed.

You can't help but have the finest when you grow F-1 Hybrids. Good sized flowers, compact plants, bright colors, freedom of bloom over a long season, to mention a few of its qualities, are responsible for its increased interest. Combine these with its hybrid vigor (the result of many years of plant breeding) and you have the finest strain of Petunias available.

Every lot of each variety is tested in our laboratory for germination, and in our greenhouse and under field conditions at our Trialing Area at Cantigny Farm near Wheaton, Illinois.

F-1 HYBRID GRANDIFLORAS. These have the largest and showiest of flowers in the F-1 Hybrids. There is nothing finer for pot and pak sales, use in combinations or as a bedding plant. Our "Instant Glamour" varieties are outstanding and leaders in their class.

SOW SEED in mid-November and have good blooming plants of the F-1 Hybrid Grandifloras in 4 inch for Easter and through April. 3 inch plants can be had in flower by May 1 from a mid-December sowing while January 1 sowing insures good 3 inch plants for Decoration Day. From an early March sowing, grown at 50°, good pak or flat grown plants can be had for May bedding plant sales.

F-1 Hybrid Grandifloras

The large flowers average 3½ to 4 inches across with a plant spread of 20 to 24 inches. Most are well fringed, a few so gracefully ruffled it adds to the attractiveness of the rich flower colors. Vigorous growers, very free flowering. 12 to 15 in.

**Instant
Glamour**

Aristocrat. Well-fringed pure white blooms accented by a rich yellow throat.

Ballerina. Soft glowing salmon.

Blue Magic. Medium deep violet blue. Similar in color to Admiral.

Blue Lace. Light orchid-blue pencilled with a deeper violet-blue.

**Instant
Glamour**

Calypso. Gracefully ruffled, huge rose-scarlet blooms with white, in a star pattern. A bright combination.

Crusader. Gaily striped rose-pink on white. Holds color variegation well under trying conditions.

Fire Dance. Deep scarlet-red with contrasting throat of rich gold.

LaPaloma. Pure white-yellow throat.

Lavender Lace. Bright rosy orchid lavender, pencilled in a deeper tone.

Maestro. Deeply fringed rose-red bloom accented by a soft gold throat.

Maytime. Light salmon pink flowers so large they literally cover the plant.

**Instant
Glamour**

Pink Desire. Clear bright pink that does not fade. Use with Aristocrat for pots, combinations or the garden border.

Pink Magic. An early free flowering bright pink. A popular pink for pots, combinations and bedding.

Prima Donna Improved. Warm rose pink. Earlier, more dwarf and free flowering than the original introduction.

Each of the above: ½ Trade pkt. (500 seeds), \$1.35; Trade pkt. (1000 seeds), \$2.50; 1/128 oz., \$4.50; ¼ oz., \$8.00; 1/32 oz., \$15.50; 1/16 oz., \$30.00; 1/8 oz., \$57.00; 1/4 oz., \$108.00; 1/2 oz., \$214.00; oz., \$390.00.



PETUNIA F-1 PINK DESIRE



PETUNIA F-1 ARISTOCRAT

Hybrid Grandifloras

Sabre Dance. Huge velvety crimson-red with white star.
Serenade. Rich violet-blue with contrasting cream-white stamens.
Tango. Deep salmon shading to scarlet-salmon at the throat.
Toreador. Large ruffled flowers of solid, deep velvety crimson-red. Uniform compact plants.
White Magic. Large ruffled blooms. An early pure white.
Ballet Mixed. Our own "formula-blend" which includes all the F-1 Grandifloras.

Each of the above 6: 1/2 Trade pkt., (500 seeds) **\$1.35**; Trade pkt., (1000 seeds) **\$2.50**; 1/128 oz., **\$4.50**; 1/64 oz., **\$8.00**; 1/32 oz., **\$15.50**; 1/16 oz., **\$30.00**; 1/8 oz., **\$57.00**; 1/4 oz., **\$108.00**; 1/2 oz., **\$214.00**; oz., **\$390.00**.

**Instant
Glamour**

Red Ensign. Large plain edged flowers of deepest scarlet red. One of the best for general use. Very dwarf and compact.

1/2 Trade pkt., (500 seeds) **\$1.00**; Trade pkt., (1000 seeds) **\$1.75**; 1/128 oz., **\$3.50**; 1/64 oz., **\$6.50**; 1/32 oz., **\$12.00**; 1/16 oz., **\$20.00**; 1/8 oz., **\$36.00**; 1/4 oz., **\$65.00**.

Minstrel. Large blooms of white marked with rich blue. Distinct.
Snow Cap. A plain edged pure white, slightly later than White Magic.

Each of the above 2: 1/2 Trade pkt., (500 seeds) **\$1.25**; Trade pkt., (1000 seeds) **\$2.25**; 1/128 oz., **\$4.00**; 1/64 oz., **\$7.50**; 1/32 oz., **\$14.50**; 1/16 oz., **\$26.00**; 1/8 oz., **\$46.00**; 1/4 oz., **\$42.00**; 1/2 oz., **\$156.00**; oz., **\$295.00**.

Scarlet Lustre. (Grandiflora). Brilliant scarlet-red high-lighted by a rich yellow throat. Large flowers with waved and ruffled edges.
1/2 Trade pkt., (500 seeds) **\$1.75**; Trade pkt., (1000 seeds) **\$3.00**; 1/128 oz., **\$5.50**; 1/64 oz., **\$10.00**; 1/32 oz., **\$19.00**; 1/16 oz., **\$36.00**; 1/8 oz., **\$69.00**; 1/4 oz., **\$129.00**; 1/2 oz., **\$235.00**; oz., **\$465.00**.

Fairyland. Fringed flowers of light salmon pink. 8 in.
Fire Gleam (Fringed). The rich deep salmon of Tango with slightly larger more fringed flower.

Flirt. Clear pink.

Each of the above 3: 1/2 Trade pkt., (500 seeds) **\$1.00**; Trade pkt., (1000 seeds) **\$1.75**; 1/128 oz., **\$3.50**; 1/64 oz., **\$6.50**; 1/32 oz., **\$12.00**; 1/16 oz., **\$20.00**; 1/8 oz., **\$35.00**; 1/4 oz., **\$60.00**; 1/2 oz., **\$118.00**; oz., **\$215.00**.



PETUNIA F-1 RED ENSIGN

**Instant
Glamour**

*Instant Glamour
Petunia Collection*

10 Trade Pkts. for \$21.60

Aristocrat

Calypso

Comanche Improved

Coral Satin

Pink Desire

Polaris

Red Ensign

Sugar Plum

Cherry Tart (Double)

Dwarf Master Blend (Double)



PETUNIA F-1 CALYPSO



PETUNIA F-1 BLUE MAGIC



PETUNIA F-1 POLARIS



PETUNIA F-1 COMANCHE IMPROVED

**Instant
Glamour**

Another Petunia Profitmaker

F-1 HYBRID MULTIFLORAS (Bedding)

Only in size of flower does the F-1 Hybrid Multiflora Petunia differ from her F-1 Hybrid Grandiflora sister. Medium sized blooms are produced in great profusion and literally cover the entire plant. Brilliant color tones, earliness, freedom of bloom over a long season, as well as compact plant habit make the F-1 Hybrid Multiflora particularly adaptable to bedding plant sales.

Use them in combinations where their brilliant color tones will stand out. For "mass effect" or use in the border, they are unexcelled.

Don't overlook potting a few in 3's for the late June buyer.

Add "Glamour" to your bedding plants, increase your sales, plan your bedding plant requirements around the "Instant Glamour" varieties. Grow in good supply the Instant Glamour Petunias described on this page which have proven under actual test their ability to withstand the most trying conditions.



PETUNIA F-1 CORAL SATIN

Comanche Improved. Deepest scarlet red. Often described as "the reddest red". One of the finest.

Polaris. Violet blue with contrasting white star. Very compact.

Sugar Plum. Bright orchid pink pencilled and shaded orchid-purple. Blends well in combinations.

Each of the above 3: 1/2 Trade pkt., (500 seeds) \$1.00; Trade pkt., (1000 seeds) \$1.75; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$12.00; 1/16 oz., \$20.00; 1/8 oz., \$35.00; 1/4 oz., \$60.00; 1/2 oz., \$118.00; oz., \$215.00.

Coral Satin. (All America Bronze Medal 1961). The very compact and dwarf plants, holding their form to the end of the season, are covered with masses of coral-rose flowers. Shows a definite resistance to the damage usually inflicted by wind and rain.

1/2 Trade pkt. (500 seeds) \$1.35; Trade pkt. (1000 seeds) \$2.50; 1/128 oz., \$4.50; 1/64 oz., \$8.00; 1/32 oz., \$15.50; 1/16 oz., \$30.00; 1/8 oz., \$57.00; 1/4 oz., \$108.00; 1/2 oz., \$214.00; oz., \$390.00.



PETUNIA F-1 SUGAR PLUM



PETUNIA F-1 SATELLITE



PETUNIA F-1 BRASS BAND

The F-1 Hybrid Multifloras

Aztec. Scarlet red with gold throat.

Brass Band. (New). Flowers are an attractive deep cream-yellow, the deepest in this color tone yet introduced. Plants dwarf and compact. Very free flowering. Comes back quickly after adverse weather conditions. This new Petunia is causing much comment in our trials where it holds up well under our difficult middle western conditions.

Cherokee. A new early dwarf in a warm mid-rose color. Very free flowering.

Comet. Warm crimson-red with perfect white star.

Inca. Bright rose-red with gold throat.

Linda. (Improved Silver Medal). Clear light salmon pink. Often referred to as the "pinkest pink."

Mars. Deep velvety red. The same color as King Henry.

Mercury. A medium light blue comparable in color to Heavenly Blue. Light yellowish throat. Shows definite resistance to fading under sun conditions.

Neptune. Light violet blue appearing indigo in the evening light.

Paleface. Pure white. Unexcelled where a mass effect is desired.

Satellite. Bright rose with perfect white star. A brilliant color combination.

Sioux. Rich coral pink.

Venus. The bright clear "rose pink" of Celestial Rose. Blooms appear on top of foliage and literally cover plant. Very early.

Mixed. Our own "Formula Blend" which includes all the above, and others.

Each of the above 14: 1/2 Trade pkt. (500 seeds) \$1.00; Trade pkt. (1000 seeds) \$1.75; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$12.00; 1/16 oz., \$20.00; 1/8 oz., \$35.00; 1/4 oz., \$60.00; 1/2 oz., \$118.00; oz., \$215.00.

Glitters. Distinct white stripe on a rich red background. A brilliant color combination, causing much comment in our trials.

Dawn Satin. (New). Soft light pink blooms more delicate in color tone than either Pink or Peach Satin. Freedom of bloom, dwarf compact habit and delicate pink color combine to make this an outstanding F-1 Hybrid.

Each of the above 2: 1/2 Trade pkt. (500 seeds) \$1.35; Trade pkt. (1000 seeds) \$2.50; 1/128 oz., \$4.50; 1/64 oz., \$8.00; 1/32 oz., \$15.50; 1/16 oz., \$30.00; 1/8 oz., \$57.00; 1/4 oz., \$108.00; 1/2 oz., \$214.00; oz., \$390.00.

Peach Satin. Soft coral changing to soft salmon-pink. A bit earlier and larger flowered than Red Satin.

Pink Satin. Intense rose-pink with white blotch deep in the throat.

Red Satin. Brilliant scarlet-red blooms which hold their color even under hot sun.

Each of the above 3: 1/2 Trade pkt. (500 seeds) \$1.25; Trade pkt. (1000 seeds) \$2.25; 1/128 oz., \$4.00; 1/64 oz., \$7.50; 1/32 oz., \$14.50; 1/16 oz., \$26.00; 1/8 oz., \$46.00; 1/4 oz., \$82.00; 1/2 oz., \$156.00; oz., \$295.00.



PETUNIA F-1 DAWN SATIN

Dwarf Bedding Petunias

Dwarf compact free flowering plants, medium sized plain edged single flowers. Our list includes the "tried and true" favorites much in demand by the bedding plant grower. We have not included the F-1 Hybrid Multifloras which are in a class by themselves. 12 to 16 in.

★**Admiral, Extra Reselected.** Dwarf clear blue of good size and even compact growth.

Trade pkt. (1/128 oz.), 85c; 1/64 oz., \$1.50; 1/32 oz., \$2.75; 1/16 oz., \$5.00; 1/8 oz., \$9.50; 1/4 oz., \$17.00; oz., \$50.00.

★**Blue Bedder.** An early flowering mid-blue.

Trade pkt. (1/16 oz.), 45c; 1/4 oz., \$1.30; oz., \$4.20; 4 oz., \$12.50; lb., \$37.50.

★**Celestial Rose Improved.** Bright rose-pink. The finest strain for pots and bedding.

Trade pkt. (1/16 oz.), 65c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; oz., \$6.60; 4 oz., \$20.00; lb., \$60.00.

★**Cheerful.** Clear salmon pink with deeper rose veining at the throat. Free flowering.

Trade pkt. (1/32 oz.), 85c; 1/16 oz., \$1.50; 1/8 oz., \$2.25; 1/4 oz., \$4.00; oz., \$12.00.

★**Elk's Star.** The blue-purple of Howard's Star uniformly marked with pure white star. Combines well with Rosy Morn both for height and interesting color arrangement.

Trade pkt. (1/64 oz.), 60c; 1/16 oz., \$1.85; 1/8 oz., \$3.30; 1/4 oz., \$6.00; oz., \$18.00.

★**Fire Chief.** Brilliant scarlet-red, very free flowering over a long season. A popular retail color.

Trade pkt. (1/64 oz.), 55c; 1/16 oz., \$1.75; 1/8 oz., \$3.00; 1/4 oz., \$5.00; oz., \$15.00; 4 oz., \$45.00.

★**Glow.** Flowers of dazzling carmine rose averaging 2 1/2 inches in size. The brightest in this group.

Trade pkt. (1/32 oz.), 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$8.00; 4 oz., \$24.00.

★**King Henry (Dwarf Flaming Velvet).** Rich velvety blood-red. Very free flowering. Excellent pot variety.

Trade pkt. (1/128 oz.), 50c; 1/32 oz., \$1.45; 1/16 oz., \$2.75; 1/8 oz., \$5.25; 1/4 oz., \$10.00; oz., \$30.00.

★**Lipstick.** Medium sized single flowers of rich carmine rose with just a suggestion of salmon cover the compact plants. Shows resistance to fading.

Trade pkt. (1/64 oz.), 50c; 1/16 oz., \$1.40; 1/8 oz., \$2.20; 1/4 oz., \$4.00; oz., \$12.00.

★**Rosy Morn Select.** Pink with white throat.

Trade pkt. (1/16 oz.), 60c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$5.50; 4 oz., \$16.00; lb., \$48.00.

★**Sky Chief.** Soft Silver Blue flower, dwarf compact habit of Snowball Improved. Shows tendency to resist fading under warm conditions.

Trade pkt. (1/32 oz.), 55c; 1/8 oz., \$1.65; 1/4 oz., \$3.00; oz., \$9.00; 4 oz., \$33.00; lb., \$100.00.

★**Snowball Improved.** The outstanding bedding White. Good sized flowers, compact plants and freedom of bloom over a long season, combine in making it the finest of the bedding whites.

Trade pkt. (1/16 oz.), 60c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$5.50; 4 oz., \$16.00; lb., \$48.00.

★**Twinkles.** Brilliant rose flower with well-defined white star.

Trade pkt. (1/32 oz.), 40c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$5.50; 4 oz., \$20.00; lb., \$60.00.

★**Vaughan's Special Dwarf Mixture.** Our own "formula-blend" which includes all the varieties listed in this group. Free flowering, bright colors—sure to please you and your customers.

Trade pkt. (1/16 oz.), 60c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$5.50; 4 oz., \$16.00; lb., \$48.00.

★**Dwarf Bedding Mixed.** An interesting blend of good bedding sorts.

Trade pkt. (1/16 oz.), 50c; 1/4 oz., \$1.50; oz., \$4.50; 4 oz., \$13.00; lb., \$40.00.

F-2 DWARF MIXTURES

The F-1 Hybrid varieties used in these mixtures are planted and harvested as separate colors and then carefully blended to insure perfect color balance. Uneven plant habit, so often found in even the finest of Bedding Mixtures, is eliminated by the use of the F-2 Mixture. 15 to 18 in.

★**Colorama.** Uniformly large blooms, compact even habit, very free flowering. A complete range of color from white to deepest blue and red, some starred combinations.

Trade pkt. (1/32 oz.), 55c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; oz., \$8.00; 4 oz., \$24.00; lb., \$72.00.

★**Starred Variety Mixture.** Rich blues, deepest reds, rose and pink provide the color background for the purest of white star. Compact even habit, free flowering and early to bloom.

Trade pkt. (1/32 oz.), 55c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; oz., \$8.00; 4 oz., \$24.00; lb., \$72.00.



PETUNIA F-2 COLORAMA



PETUNIA F-2 STARRED VARIETY MIXTURE

Large Single (GRANDIFLORAS)

For Bedding and Pots

Strong free flowering plants. Large flowers averaging 3 to 4 inches across, many plain edged, others ruffled and fringed, all of heavy substance and velvety texture. Much in demand for pot and general garden use. 12 to 16 in.

PLAIN EDGED

★ **Dwarf Elk's Pride.** Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected." Trade pkt. (1/128 oz.), \$1.15; 1/64 oz., \$2.00; 1/32 oz., \$3.30; 1/16 oz., \$5.75; 1/8 oz., \$11.00; 1/4 oz., \$20.00; oz., \$72.00.

★ **Giant Flaming Velvet.** Vivid velvety blood-red, comes 100% true. Trade pkt. (1/128 oz.), \$1.15; 1/64 oz., \$2.00; 1/32 oz., \$3.30; 1/16 oz., \$5.75; 1/8 oz., \$11.00; 1/4 oz., \$20.00; oz., \$72.00.

★ **Popcorn.** Pure white flower, dwarf compact plants which retain habit through season.

Trade pkt. (1/128 oz.), \$1.50; 1/64 oz., \$2.75; 1/32 oz., \$5.00; 1/16 oz., \$9.50; 1/8 oz., \$18.00; 1/4 oz., \$33.00; oz., \$100.00.

★ **Snow Storm Improved.** Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous.

Trade pkt. (1/128 oz.), \$1.15; 1/64 oz., \$2.00; 1/32 oz., \$3.30; 1/16 oz., \$5.75; 1/8 oz., \$11.00; 1/4 oz., \$20.00; oz., \$72.00.

★ **White Cloud.** 12 in. A great favorite on account of its dwarf compact habit.

Trade pkt. (1/128 oz.), \$1.15; 1/64 oz., \$2.00; 1/32 oz., \$3.30; 1/16 oz., \$5.75; 1/8 oz., \$11.00; 1/4 oz., \$20.00; oz., \$72.00.

FRINGED

★ **Fringed Snowstorm.** Pure glistening white flowers with a slight tinge of yellow in the throat. Blooms are deeply fringed. Breaks nicely to produce a compact plant. Ideal for pots and bedding.

Trade pkt. (1/128 oz.), \$1.25; 1/64 oz., \$2.25; 1/32 oz., \$3.75; 1/16 oz., \$6.75; 1/8 oz., \$12.00; 1/4 oz., \$22.00; oz., \$80.00.

★ **Fluffy Ruffles.** Large flowers, finely fringed and ruffled. A balanced blend of pinks, white, salmon, deep rose and light blue. Outstanding in our Trials.

Trade pkt. (1/128 oz.), \$1.00; 1/64 oz., \$1.90; 1/32 oz., \$3.75; 1/16 oz., \$5.75; 1/8 oz., \$10.50; 1/4 oz., \$19.00; oz., \$70.00.

★ **Little Giants Mixed.** A brilliant and gay mixture. Large fringed and ruffled flowers cover the dwarf erect growing plants. Colors range from red to pink and red and white combinations.

Trade pkt. (1/128 oz.), 85c; 1/64 oz., \$1.55; 1/32 oz., \$2.75; 1/16 oz., \$5.00; 1/8 oz., \$9.00; 1/4 oz., \$16.00; oz., \$48.00.

F-2 GRANDIFLORA

★ **Carnival.** A wide color range in vigorous grandiflora type, about 80% of the blooms being large and fringed, waved and ruffled. Seed is from specially selected and bred varieties of F-1 Petunias from which it obtains plant vigor, habit and freedom of bloom.

Trade pkt. (1/128 oz.), \$1.35; 1/32 oz., \$3.85; 1/16 oz., \$7.00; 1/8 oz., \$12.00; 1/4 oz., \$21.00; oz., \$63.00.



PETUNIA POPCORN



PETUNIA
DWARF CALIFORNIA GIANTS
VAUGHAN'S MASTER BLEND

DWARF CALIFORNIA GIANTS

Despite the popularity of the newer F-1 Hybrid Petunias, the "Dwarf Giants" are still the favorites of the home gardener and those requiring the unusual in pot plants or combinations. Large deep throated ruffled giants in colors that are bright and clear. Dwarf compact plants that lend themselves to a variety of uses. Offer heavy 3 inch for Mother's Day (sow about December 15) and have blooming 3 inch for May bedding sales from a January sowing.

Vaughan's Master Blend.® We consider this our finest strain of "Dwarf Giants," whether it be for pots or bedding. Giant flowers on dwarf plants. In bloom when plants are small, salables are quickly produced.

A formula-blend of seed from specially selected plants to which are added new colors from the workshop of the hybridizer, not yet released, such as Rose, Copper and Pinks, none of which will be found in any other strain. Bushy 12 inch plants, large ruffled blooms. Warm color tones predominate.

1/2 Trade pkt. (1000 seeds), \$1.00; Trade pkt. (2000 seeds) \$1.75; 1/64 oz., \$3.50; 1/32 oz., \$6.00; 1/16 oz., \$11.00; 1/8 oz., \$20.00; 1/4 oz., \$36.00; 1/2 oz., \$70.00; oz., \$130.00.

★ **Dark Selection.** A favorite with many growers and it has given universal satisfaction.

1/2 Trade pkt. (1000 seeds), \$1.00; Trade pkt. (2000 seeds), \$1.75; 1/64 oz., \$3.50; 1/32 oz., \$6.00; 1/16 oz., \$11.00; 1/8 oz., \$20.00; 1/4 oz., \$36.00; 1/2 oz., \$70.00; oz., \$130.00.

★ **Extra Dwarf Giants of California.** A specialist's selection bred to fill the needs of the pot plant grower. The color range is being constantly enlarged. Considered the finest of the "Dwarf Giants" for spring pots.

1/2 Trade pkt. (1000 seeds), \$1.00; Trade pkt. (2000 seeds), \$1.75; 1/64 oz., \$3.50; 1/32 oz., \$6.00; 1/16 oz., \$11.00; 1/8 oz., \$20.00; 1/4 oz., \$36.00; 1/2 oz., \$70.00; oz., \$130.00.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

Tall "giants" averaging 5 to 6 inches in diameter. Heavily ruffled, deep throated blooms. A free flowering mixture of light and dark shades. Particularly suited to outdoor growing where they provide brilliant color under the most adverse conditions.

★ **Giants of California Mixed.** This is a most superb mixture, not at all to be compared with the seed usually offered.

Trade pkt. (1/128 oz.), 75c; 1/64 oz., \$1.35; 1/32 oz., \$2.50; 1/16 oz., \$4.50; 1/8 oz., \$8.00; 1/4 oz., \$15.00; oz., \$45.00.



PENTSTEMON SENSATION MIXED

PHLOX DWARF MASTER BLEND
Our Finest Florist StrainInstant
Glamour

Dwarf Master Blend. Blooming early while plants are very small, this florist strain has been especially selected for the pot or flat grower. A most striking array of unusually gay and bright color combinations. Does well in the garden border.

Trade pkt. ($\frac{1}{16}$ oz.), 75c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50; oz., \$6.00; 4 oz., \$18.00; lb., \$54.00.

Pentstemon

ANNUAL 55,000 seeds oz. 68-80° 2-3 weeks

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early and treat as other annual bedding plants. From a March sowing of seed, plants were in full flower in our Trials early in July.

★**Sensation.** The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft. Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00; 4 oz., \$12.00; lb., \$44.00.

PERENNIAL 15,000 seeds oz. 68-86°

Slow and uneven to germinate.

Perennial Varieties Mixed. Very hardy. Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00; 4 oz., \$12.00; lb., \$44.00.

Phlox Drummondii

ANNUAL 15,000 seeds oz. 68° 2-3 weeks.

A showy bedding annual more popular than ever. Neat compact habit, freedom of bloom and ability to withstand heat combine in making the Phlox valuable bedding and border material. Bright attractive colors.

The neat, compact plant habit of the dwarf sorts make them especially valuable for use in combinations or as small pot plants. Grow some of our Dwarf Master Blend and you'll find ready sale in 3's or 4's. Handle as you would Petunias, sowing at the same time.

GRANDIFLORA 15 to 18 in. These make fine cutflowers.

Vaughan's Special Annual Mixture. A formula blend that includes all the popular color tones. Trade pkt. ($\frac{1}{8}$ oz.), 50c; $\frac{1}{4}$ oz., 80c; oz., \$2.50; 4 oz., \$7.50; lb., \$22.00.

Cuspidata Mixed. (Star of Quedlinburg). A mixture of star-shaped flowers. A good range of color. Trade pkt. ($\frac{1}{8}$ oz.), 55c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$27.00.

Gigantea Art Shades. Soft pastel color tones, all with white eye. Large individual florets. Trade pkt. ($\frac{1}{8}$ oz.), 70c; $\frac{1}{4}$ oz., \$1.20; oz., \$3.60; 4 oz., \$10.75; lb., \$32.00.

Glamour. All America Bronze Metal 1960. The extra large blooms are borne in graceful clusters on dwarf bushy plants. Uniform plant habit and sturdy stem makes it ideal for bedding and cutting. 12 in. Trade pkt. ($\frac{1}{64}$ oz.), 85c; $\frac{1}{16}$ oz., \$2.50; $\frac{1}{8}$ oz., \$4.50; $\frac{1}{4}$ oz., \$8.00; oz., \$30.00.

DWARF SORTS 6 to 8 in. Dwarf and compact, for low borders.

Vaughan's Beauty. Large flowered dwarf Phlox for pots, combinations and border. Compact, free flowering. 8 in.

Blue Beauty
Salmon Beauty
White Beauty

Pink Beauty
Scarlet Beauty
Formula Mixed

Each of the above: Trade pkt. ($\frac{1}{8}$ oz.), 85c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50; 4 oz., \$16.00; lb., \$58.00.

Globe Mixed. Uniform, compact habit. The full plants are globe or dome shaped. Well balanced color range. Very showy. 8 in. Trade pkt. ($\frac{1}{16}$ oz.), 85c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.50; oz., \$8.00; 4 oz., \$24.00; lb., \$72.00.

Twinkle. Dainty star-like flowers with pointed petals, in a wide range of color that includes solids as well as many bicolors. The dwarf compact habit of the plant and freedom of bloom make it ideal for pots, combinations and bedding. Trade pkt. ($\frac{1}{16}$ oz.), 75c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50; oz., \$6.00; 4 oz., \$18.00; lb., \$54.00.

Phlox

PERENNIAL 2,500 seeds oz.

Recommend over-winter freezing. Sow outside in late Fall and seed will germinate in Spring. Can also be refrigerated for one month and then sown.

Divaricata. Flowers are of royal blue-lavender which varies a bit. Fragrant. 1 $\frac{1}{4}$ ft. Trade pkt. ($\frac{1}{32}$ oz.), 70c; $\frac{1}{8}$ oz., \$2.20; $\frac{1}{4}$ oz., \$4.00.

Decussata. Perennial varieties mixed. Seed germinates slowly. Trade pkt. ($\frac{1}{8}$ oz.), 55c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$32.00.

Physalis

PERENNIAL 18,000 seeds oz. 54-90° 3-4 weeks.

Franchetti (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations. Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$10.00; lb., \$36.00.

Physostegia

PERENNIAL 16,000 seeds oz. 54-90° 2-3 weeks.

Virginica. Deep rose flowers in close compact spikes. Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00; 4 oz., \$14.00; lb., \$42.00.

Platycodon

PERENNIAL 28,000 seeds oz. 54-90° 2-3 weeks.

Bell-like flower on graceful stem from June to September. An attractive garden perennial.

Grandiflorum Blue, 28 in. **Album White**, 28 in. Each the above 2: Trade pkt. ($\frac{1}{16}$ oz.), 50c; $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.55; oz., \$4.50; 4 oz., \$13.50.

Mariesii. Dark blue, dwarf, 16 in. Trade pkt. ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.50; oz., \$5.00; 4 oz., \$18.00.

Plumbago

ANNUAL 2,000 seeds oz. 68-86° 3-4 weeks.

Capensis. Spikes of rich pale blue flowers. 100 seeds, \$1.00; 1,000 seeds, \$10.00.

Poppy—Papaver

ANNUAL 72,000 seeds oz., 55° 1-2 weeks.

American Legion. Orange-scarlet flowers; are remarkable keepers. Trade pkt. ($\frac{1}{4}$ oz.), 35c; oz., \$1.00; 4 oz., \$3.00; lb., \$9.00.

Shirley (Rhoeas). **Sweet Briar**. A delightful shade of deep rosepink. The blossoms are full double, resembling a very large double begonia. Trade pkt. ($\frac{1}{4}$ oz.), 35c; oz., \$1.00; 4 oz., \$3.00; lb., \$9.00.

Shirley Double Mixed. Bright colors. Trade pkt. ($\frac{1}{16}$ oz.), 30c; $\frac{1}{4}$ oz., 75c; oz., \$2.25; 4 oz., \$6.75.

Vaughan's Special Mixture of Shirley Varieties. Trade pkt. ($\frac{1}{4}$ oz.), 35c; oz., \$1.00; 4 oz., \$3.00; lb., \$9.00.

Oriental Poppy

PERENNIAL 150,000 seeds oz., 54°, 1-2 weeks.

Orientele. Crinkled petals, large cup-like flower. After cutting newly opened flower in early morning or late evening, they will keep 3 to 5 days in water if stem is burned within 5 minutes.

Orientele (Oriental Poppy). Scarlet. 3 ft. Trade pkt. ($\frac{1}{16}$ oz.), 30c; $\frac{1}{4}$ oz., 65c; oz., \$2.20; 4 oz., \$6.50; lb., \$20.00.

Beauty of Livermere. Oxblood-red with dark blotch.

Princess Victoria Louise. Light orange-salmon flower, tulip-like in form. 40.

Orientele Hybrids. Our own formula-blend which includes many of the newer named sorts.

Each the above 3: Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00; 4 oz., \$12.00; lb., \$36.00.

Nudicaule (Iceland) × Poppy

PERENNIAL 448,000 seeds oz., 54°, 1-2 weeks.

Nudicaule (Iceland). The best strain for Spring greenhouse forcing. Recommend seed be sown directly into beds or pots. Quick growing, showy border plant.

The Emperor. Large-flowered, orange, long-stemmed. Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00; 4 oz., \$12.00; lb., \$44.00.

Giant Hybrids. Large flowers, sturdy stem and a wide range of color. Includes the finest of the Nudicaule (Iceland) Strains. Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$27.00.



PORTULACA DOUBLE FINEST MIXED

Portulaca—Moss Rose

ANNUAL 300,000 seeds oz. 68-86° 2-3 weeks.

A showy annual. Sow seed thinly in flats for late spring sales.

Double Finest Mixed. Double flowers resembling miniature roses. A brilliant array of color, including some of the newer orchid and salmon tones. Comes practically 100% full-double.

Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.25; oz., \$3.90; 4 oz., \$11.00; lb., \$33.00.

Single Jewel. A brilliant deep crimson coloring; flowers four times as large as the average.

Trade pkt. ($\frac{1}{16}$ oz.), 50c; $\frac{1}{4}$ oz., \$1.50; oz., \$5.00; 4 oz., \$15.00.

Single large-flowering sorts, mixed. Trade pkt. ($\frac{1}{16}$ oz.), 30c; $\frac{1}{4}$ oz., 80c; oz., \$2.70; 4 oz., \$8.00; lb., \$24.00.

Polemonium

PERENNIAL 34,500 seeds oz. 68-86° 2-3 weeks.

Coeruleum. (Jacob's Ladder) Blue. Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.60; 4 oz., \$10.00; lb., \$30.00.

Pyrethrum

ANNUAL 68-86° 1-3 weeks.

Parthenifolium Aureum (Golden Feather).

Trade pkt. ($\frac{1}{4}$ oz.), 35c; oz., \$1.00; 4 oz., \$3.00; lb., \$10.75.

Pyrethrum (Painted Daisies)

PERENNIAL 18,000 seeds oz. 68-86° 1-2 weeks.

An excellent source of summer cutflowers, requiring a minimum of care. Double Pyrethrum does not produce 100% double flowers—the percentage is better the second year it blooms.

Roseum James Kelway. Deep scarlet, varies.

Robinson's Dark Crimson **Robinson's Rose**

Robinson's Giant Hybrids. Extra large single flowers, long stiff stems.

Each of the above 4: Trade pkt. ($\frac{1}{16}$ oz.), 60c; $\frac{1}{4}$ oz., \$1.75; oz., \$5.00; 4 oz., \$15.00; lb., \$45.00.

Double Mixed. Extra choice. Trade pkt. ($\frac{1}{16}$ oz.), 85c; $\frac{1}{8}$ oz., \$1.55; $\frac{1}{4}$ oz., \$2.75; oz., \$8.00; 4 oz., \$24.00.

Rudbeckia

PERENNIAL 7,000 seeds oz. 68-86° 2-3 weeks.

Purpurea (Echinacea). Reddish-purple flowers. 4 ft.

Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.30; 4 oz., \$10.00; lb., \$30.00.

PRIMULA VERIS
COLOSSEA MIXED



Primula Veris

PERENNIAL 33,000 seeds oz. 68° 3-6 weeks.

For spring pot work and as garden subjects, there is nothing finer. Outdoor grown plants lifted in the Fall make fine specimen pot plants from February on.

Veris Giant Crimson.

Trade pkt. ($\frac{1}{32}$ oz.), \$1.00; $\frac{1}{16}$ oz., \$1.90; $\frac{1}{8}$ oz., \$3.30; $\frac{1}{4}$ oz., \$6.00; oz., \$18.00.

Lutea. Yellow.

Trade pkt. ($\frac{1}{16}$ oz.), 65c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00; oz., \$6.00.

***Colossea Mixed. Highly Commended Wisley Trials 1952.**

Large flowerheads on long stiff stalks well above foliage. Valuable for cutflowers and early forcing. Individual florets average $1\frac{3}{4}$ in. across in a range of color including new shades of lilac, pink, copper as well as darkest red.

Trade pkt. ($\frac{1}{32}$ oz.), \$1.25; $\frac{1}{8}$ oz., \$3.30; $\frac{1}{4}$ oz., \$6.00; oz., \$18.00.

***Giant Bouquet. Award of Merit Wisley Trials 1952.**

The flowers being of exceptional size, often 2 inches across, produced in great numbers in a wide range of color, white to cream, yellow, scarlet, purple and crimson. Strong stems, excellent for cutting. The plant habit is dwarf and compact. A splendid show variety.

Trade pkt. ($\frac{1}{32}$ oz.), \$1.35; $\frac{1}{8}$ oz., \$3.50; $\frac{1}{4}$ oz., \$6.50; oz., \$20.00.

***Pacific Strain Polyanthus Primroses**

The most hardy and easiest to grow of all the Primrose family. The work of many years is represented in this strain; the stems are longer, flowers and flower heads the largest we have ever seen with a wider clearer color range.

Blue Shades

White

Pink Shades

Mixed. A formula-blend which includes all the above.

Each of the above: $\frac{1}{64}$ oz., \$4.00; $\frac{1}{16}$ oz., \$12.00; $\frac{1}{4}$ oz., \$36.00.

Mixed. The Introducer's Strain. Trade pkt. (450 seeds), \$4.00.

Primula Various Sorts

PERENNIAL 33,000 seeds oz. 68° 3-6 weeks.

Germination temperatures in this group will vary.

Acaulis Blue. The finest obtainable being regular and rich in color. Trade pkt. ($\frac{1}{128}$ oz.), \$1.10; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.60; $\frac{1}{16}$ oz., \$6.50; $\frac{1}{8}$ oz., \$11.75.

Auricula, Monarch Strain Mixed. The finest strain of Exhibition Auricula. Wonderful markings on perfectly formed flowers. Trade pkt. ($\frac{1}{32}$ oz.), 95c; $\frac{1}{16}$ oz., \$1.75; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.25; oz., \$16.00.

Cashmeriana. Lilac, early, hardy. 12 in.

Trade pkt. ($\frac{1}{64}$ oz.), 70c; $\frac{1}{32}$ oz., \$1.25; $\frac{1}{16}$ oz., \$2.25.

Japanica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long.

Trade pkt. ($\frac{1}{16}$ oz.), 60c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00.

Vulgaris. × True. Yellow Primrose. 6 in.

Trade pkt. ($\frac{1}{16}$ oz.), 65c; $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$1.90; oz., \$6.75.

Primula Malacoides

ANNUAL 12,000 seeds $\frac{1}{32}$ oz., 68-86° 2-3 weeks.

Malacoides or **Baby Primroses** are of easy culture. Grow in a airy cool house (45° fahrenheit night temperature) and take particular care planting is not allowed to get dry between waterings. Seed may be sown from May until October for Spring blooming pot plant sales. September sown seed will produce nice plants for Easter and Mother's Day. Sow in sterile soil.

Glory of Riverside Improved. True rose-pink. Trade pkt. ($\frac{1}{128}$ oz.), \$1.50; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.25; $\frac{1}{16}$ oz., \$9.50.

Mrs. Eriksson of Riverside. Large flowers of deep rose-red.

White Giant. (Pure White). Large pure white flowers on strong stems; good for combinations.

Each of the above 2: Trade pkt. ($\frac{1}{128}$ oz.), \$1.85; $\frac{1}{64}$ oz., \$3.30; $\frac{1}{32}$ oz., \$6.00; $\frac{1}{16}$ oz., \$11.00.

Malacoides Special Mixed. A formula-blend.

Trade pkt. ($\frac{1}{128}$ oz.), \$1.50; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.25; $\frac{1}{16}$ oz., \$9.50.

Primula Obconica

ANNUAL 4,000 seeds $\frac{1}{32}$ oz., 55-90° 3-4 weeks.

A favorite pot plant. Showy large flowers. Sow from January on for bloom at Christmas and into early Spring.

Grandiflora Avalanche. White.

Dark Blood Red.

Sky-Blue (Konigsee). Extra-large flowers.

Fasbender Red. Flowers rich deep red of enormous size.

Mueller's (Berlin) Rose.

Mixed, many colors.

Each of the above: Trade pkt. ($\frac{1}{128}$ oz.), \$1.50; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00; $\frac{1}{16}$ oz., \$9.00.

Gigantea Wyaston Wonder Crimson. Huge heads of flowers carried on strong stems well above the foliage. In spite of the vigorous growth they make a compact and tidy plant.

Trade pkt. ($\frac{1}{128}$ oz.), \$1.85; $\frac{1}{64}$ oz., \$3.30; $\frac{1}{32}$ oz., \$6.00; $\frac{1}{16}$ oz., \$10.50.

Primula Chinese Giant

ANNUAL 18,000 seeds oz. 68° 3-4 weeks.

A showy, colorful pot plant. Popular with retail growers. Sow from March on for Christmas and later.

Vaughan's Special Mixture. Trade pkt. ($\frac{1}{128}$ oz.), \$1.10; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50.

Queen Anne's Lace Flower

ANNUAL 36,500 seeds oz. 68° 3-5 weeks

Large lacy white flower heads. A good filler for baskets, 2 ft.

Trade pkt. ($\frac{1}{8}$ oz.), 35c; $\frac{1}{4}$ oz., 60c; oz., \$1.80; 4 oz., \$5.40.

Ranunculus (Buttercup)

PERENNIAL 5,700 seeds oz. 68° 1-4 weeks.

Giant Mixed (Asiaticus). A reselected strain. Double large flowers in a wide range of color. Trade pkt. ($\frac{1}{16}$ oz.), 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$32.00.

Ricinus—Castor Beans

ANNUAL 60 seeds oz. 68-86° 2-3 weeks.

Tall large leaved plants for hedges and use as a windbreak.

Mixed. Many kinds. Oz., 35c; 4 oz., 90c; lb., \$3.00.

Zanzibariensis (30 seeds per oz.) **Mixed.** Giant leaves.

Oz., 35c; 4 oz., \$1.00; lb., \$3.00.

Rock Plants

Perennial Mixed. Trade pkt. ($\frac{1}{16}$ oz.), 45c; $\frac{1}{4}$ oz., \$1.20; oz., \$3.60; 4 oz., \$10.50; lb., \$32.00.

Baby Roses

Polyantha. Multitudes of tiny roses in varied and interesting colorings, largely white, blush and delicate pink. Flowers are single to fully double and more-or-less everblooming. Quickly grown from seed, may be had in flower within 3 months from sowing. For pots or window boxes, they bloom year after year with a minimum of attention. Trade pkt. ($\frac{1}{128}$ oz.), 75c; $\frac{1}{64}$ oz., \$1.35.

Salvia Splendens

ANNUAL 7,500 seeds oz. 68-86° 2-3 weeks.

Colorful brilliant scarlet annual. A popular bedding plant.

Sow seed in flats and give bottom heat to assist germination.

We have divided this family into three groups, the earliest in each group being first. Dates shown are from a late March sowing.

DWARF

Fireball. June 20-25. An extra early, Salvia coming into flower a week to ten days before St. John's Fire. Of dwarf, compact habit, exceptionally fine for pots and early blooming for flats. 10 in.

Trade pkt., (1/16 oz.) \$1.25; 1/8 oz., \$2.25; 1/4 oz., \$4.00; oz., \$12.00; 4 oz., \$36.00.

**Instant
Glamour**

★**St. John's Fire.** June 25-30. The most popular early dwarf red. Our own reselected strain coming into flower early, while plants are but a few inches tall, remaining in flower until frost. The bright scarlet spikes stand densely and rigidly upright above the foliage on uniformly compact plant. 13 in.

Trade pkt., (1/16 oz.) 90c; 1/4 oz., \$2.75; oz., \$8.50; 4 oz., \$25.00; lb., \$100.00.

Salmon Pygmy. A rich salmon-pink bloom, dwarf compact plants and early free-flowering habit make it ideal for pot work. In bloom early thus enabling the flat grower to offer it in color for Spring sales. 10 in.

Trade pkt., (1/32 oz.) \$1.00; 1/16 oz., \$1.80; 1/4 oz., \$6.00; oz., \$18.00.

Blaze of Fire. June 30-July 5. Early and free flowering, coming into bloom shortly after St. John's Fire. 14 to 16 in.

Trade pkt., (1/16 oz.) 85c; 1/4 oz., \$2.50; oz., \$7.25; 4 oz., \$22.00; lb., \$88.00.

MEDIUM

Harbinger (Masterpiece) July 10-15. Earliest of this group. Scarlet, 16 in. Trade pkt., (1/16 oz.) 75c; 1/4 oz., \$2.00; oz., \$6.00; 4 oz., \$18.00; lb., \$72.00.

★**America.** (Globe of Fire). July 25-30. The favorite of many. Uniform dense globe-shaped bushes. 18 in. Trade pkt., (1/16 oz.) 50c; 1/4 oz., \$1.50; oz., \$5.00; 4 oz., \$15.00; lb., \$60.00.

Rose Flame. August 7-10. Rich coral pink. 16 in.

Trade pkt., (1/16 oz.) 75c; 1/4 oz., \$2.00; oz., \$6.00.

TALL

Bonfire (Clara Bedman). July 25-30. Erect habit, the "old standby." Dark green foliage. 25 in. Trade pkt., (1/16 oz.) 50c; 1/4 oz., \$1.50; oz., \$5.00; 4 oz., \$15.00; lb., \$60.00.

Splendens Type (Scarlet Sage). August 10-15. Tall growing, scarlet. 24 to 30 in. Trade pkt., (1/16 oz.) 45c; 1/4 oz., \$1.25; oz., \$4.00; 4 oz., \$12.00; lb., \$48.00.

SALVIA FARINACEA

**Instant
Glamour**

Blue Bedder. (24,000 seeds per oz.) July 1. 3 ft. Compact plant, deep true blue flowers, dark stems, narrow leaves. Effective in mass planting. Long graceful stems for cutting. Trade pkt., (1/16 oz.) 50c; 1/4 oz., \$1.50; oz., \$4.50; 4 oz., \$13.50; lb., \$54.00.

Salvia

PERENNIAL 3,800 seeds oz. 68-86° 2-3 weeks.

Patens. Very large flowers, splendid blue, free bloomer. 2 1/2 ft.

Trade pkt., (1/16 oz.) 60c; 1/4 oz., \$1.75; oz., \$5.50; 4 oz., \$20.00.

★ Saintpaulias

ANNUAL 750,000 seeds oz. 85° 3-4 weeks.

Hybrids. Flowers are in varied shades of blue, lilac and pink; the plants dwarf, bushy and compact with leaves of dark green.

Trade pkt., (800 seeds) \$2.00; 1/128 oz., \$20.00; 1/64 oz., \$37.50; 1/32 oz., \$68.00; 1/16 oz., \$125.00.

Salpiglossis

ANNUAL 125,000 seeds oz. 68-86° 2 weeks.

A summer flowering showy annual, easily grown from seed. A greenhouse sowing in January-February will provide cutflowers in May-June. Velvety textured, funnel-shaped flowers. 20 in.

Bolero Mixed. (F-2). A new strain outstanding for flower size, vigorous growth and complete range of color. Blooms profusely. Trade pkt., (1/16 oz.) 40c; 1/4 oz., \$1.20; oz., \$3.60; 4 oz., \$10.50.

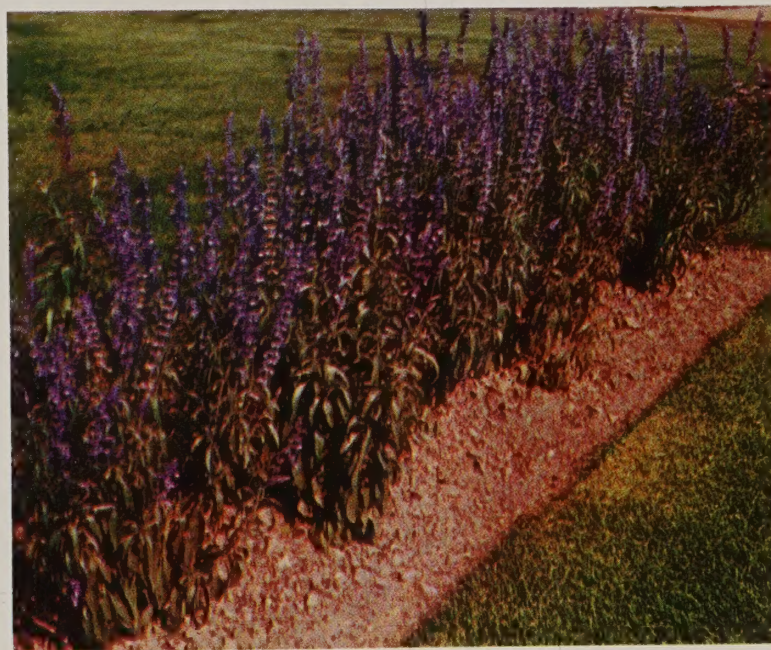
Sanvitalia

ANNUAL 42,000 seeds oz. 68° 1-2 weeks.

Procumbens Fl. Pl. (Creeping Zinnia). Double yellow, dwarf, edging plant. Trade pkt., (1/8 oz.) 35c; 1/4 oz., 60c; oz., \$1.90.



SALVIA SPLENDENS ST. JOHN'S FIRE



SALVIA FARINACEA BLUE BEDDER

Saponaria

PERENNIAL 5,500 seeds oz. 68° 2-3 weeks.

Ocymoides Splendens. X. Rosy purple. For border or rockery.

Trade pkt., (1/8 oz.) 35c; 1/4 oz., 50c; oz., \$1.50; 4 oz., \$4.50.

Shamrock

ANNUAL 28,000 seeds oz. 68° 1-2 weeks.

True Irish Strain. Sow in late December or January, 3 or 4 seedlings per pot, to flower in 2 inch pots for St. Patrick's Day.

Trade pkt., (1/8 oz.) 25c; 1/4 oz., 40c; oz., \$1.30; lb., \$12.00.

Smilax

ANNUAL 4,000 seeds oz. 68-86° 3-4 weeks.

Asparagoides. Ornamental foliage plant.

Trade pkt., (1/8 oz.) 70c; 1/4 oz., \$1.25; oz., \$4.00.



ROCKET SNAPDRAGONS

★TALL RUST RESISTANT STRAINS 2½ ft.

We have revised our Rust Resistant Snapdragon listing in line with breeding work being done by various introducers.

Appleblossom. Rosy pink, white tube.

Brilliant Rose. True rose pink.

Campfire. Luminous scarlet.

Cherry Rose. Deep brilliant cherry rose.

Copper Queen. Burnished copper.

Loveliness. Pure soft rose pink.

Padre. (Crimson). Glossy crimson, dark stems.

Pink Sensation. Pure pink, frilled flowers.

Rosalie. Rich deep rose with underlying tone of topaz or amber.

Shasta. (Alaska). Pure white.

Yellow Jacket. (Canary Yellow—Yellow Giant). Deep canary yellow.

Vaughan's Tall Rust Resistant Mixture. Our own formula-blend in just the right color proportions.

Each of the above 12: Trade pkt., (1/16 oz.) 40c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

LARGE-FLOWERING HALF-DWARF SORTS

Plants of medium height for bedding, flat sales and combination work. Very free flowering, coming into bloom early and continuing through until killed by frost. We have revised our listing based on our extensive trials and the comments of growers who visited them.

Black Prince. Deepest crimson, dark foliage.

Golden Monarch. Rich golden yellow.

Purity (White Wonder). Large cream-white florets.

Red Emperor. Richest deep scarlet.

Royal Rose. Very showy deep rose, uniform growth.

St. George. Distinct orange-cerise.

Vaughan's Special Mixture. Our own Formula-Blend which includes all the above.

Each of the above 7: Trade pkt., (1/16 oz.) 45c; 1/4 oz., \$1.25; oz., \$4.00.

DWARF SORTS

Magic Carpet Mixed. 4 to 6 in. A Snapdragon of almost creeping habit, fairly covered during the summer with flowers. Its uniformly dwarf compact habit make it an excellent source of color for bedding and border plantings. Useful, too, in the rock garden. Trade pkt., (1/16 oz.) 45c; 1/4 oz., \$1.25; oz., \$4.00; 4 oz., \$12.00.

Outdoor Snaps for Spring Plant Sales

ANNUAL 220,000 seeds oz. 54° 1-2 weeks.

There is no Annual better suited to Spring Plant Sales than the Snapdragon. It is available in all heights; bright gay colors providing a wealth of cutting material throughout the Summer and well into Fall.

★ROCKET SNAPDRAGONS

Instant Glamour

The first F-1 Hybrid Snapdragon bred for garden use and showing hot weather tolerance. Long spikes evenly spaced florets on vigorous, uniform plants. Seven rich, distinct colors and a formula mixture. So outstanding were they in the 1958 Trials that All America Selections awarded them a Bronze Medal for 1960.

For Summer cutting, sow seed in January, grow on in 3 inch peat pots and pinch. Set out about April 1st for June cutflowers. Rose, Pink White and Yellow (gold) are in much demand, with lesser quantities of lavender (orchid), bronze and red.

Bronze	Red	Gold	Orchid	Pink
	Rose		White	

Formula Mixed. These "Rocket" Snaps have been carefully selected and blended by the introducer to insure a full range of colors and include all varieties listed.

Each of the above 8: Trade Pkt. (750 seeds) \$1.75; 1/128 oz., \$3.00; 1/64 oz., \$5.70; 1/32 oz., \$10.80; 1/16 oz., \$20.00; 1/8 oz., \$39.00; 1/4 oz., \$74.00.

★SNAPDRAGON PANORAMA (F-2)

Bred to increase the vigor of existing strains, the Panorama Snapdragon produces graceful spikes closely set with individual florets of good size and strong sturdy stems. Plant vigor and evenness of habit are insured since this F-2 generation is from specially selected F-1 hybrids. Excellent for cutting and use in the garden border.

Panorama Formula Mixture. Includes bronze, red, white, lavender, rose pink and yellow in just the right proportion. Trade pkt., (1/32 oz.) 60c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; oz., \$9.00.

Snapdragon Master Blend (F-2.)® Large individual florets on long spikes. Plants are strong and robust. The color range most complete, from white to soft orchid through yellow, rose to deep velvety red and white. Early to bloom, excellent for cutting or in the garden border. Trade pkt., (1/32 oz.) 60c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; Oz., \$9.00.



GIANT RUFFLED TETRA

Large closely set florets on massive spike. Rich green, thick textured foliage. An excellent cutting strain.

Candlelight. (Yellow). Clear bright yellow.

Crimson. Deep but bright velvety crimson flower on long, broad tapering spike.

Orchid. Rich orchid-purple with sulphur-yellow blotch on lower lip.

Shades of Pink and Rose. Ranging from light to the deeper tones of rose.

White. Creamy white changing to pure white as flower ages. The primrose throat provides a striking contrast.

Each of the above 5: Trade pkt., (1/32 oz.) 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$8.25.

Vaughan's Tetra Supreme Mixed. Flowers of exceptional beauty, size and vigor. A full range of color which includes shell pink to the deepest rose, dark bronze through orange to palest yellow with many intermediate sunset tints. A truly outstanding blend. Trade pkt., (1/32 oz.) 45c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; oz., \$6.75.

Scabiosa and Schizanthus

See page 41

Snapdragon F-1

Rose Pink Double for Outdoor Bedding

Vanguard (F-1 Double). All America Bronze Medal 1960. Extra petals enhance the large florets. Long flower spike with closely set florets of rich rose pink with flashing yellow lips or throat. Long lasting, for bedding and cutting. Trade pkt., (750 seeds) **\$1.75**; 1/128 oz., **\$3.50**; 1/64 oz., **\$6.50**; 1/32 oz., **\$12.00**; 1/16 oz., **\$20.00**.



VANGUARD (F-1 Double)

Forcing Snapdragons

(2,000 seeds per trade packet; 1,000 seeds per 1/2 trade packet, except as noted)
"Inbred" or self-pollinated sorts are marked; all others are true F-1 hybrids.

New "White" Snaps For Year 'Round Growing

Utah. (Late Spring and Fall.) Pure white, slightly later than Virginia but earlier than Potomac White. Long spikes, large closely spaced florets, clean strong growth. Shatter resistant. Overall height 36 to 42 inches. Bred especially for the grower with benches having little head room.

Texas. (Summer.) At its best from June through September. Large ruffled florets, strong clean stems free of grassy growth, long flower spike. A paper-white companion to Florida, flowering with it.

Paperwhite. (Winter.) A paper white of exceptional size and vigor for December-January cut. Large florets, compactly spaced on strong spike. Responds well under the most trying growing conditions.

Snow Crest. (Winter and Early Spring.) A pure white hybrid especially bred for winter and early spring. Combines earliness of flower, hybrid vigor, hardiness and length of spike. Large florets compactly spaced on the strong spike.

PAPER WHITE and IVORY WHITE

Albion. (Late Fall, Mid-Winter, Early and Late Spring). Pure paper white, clean growth, uniform long spikes. When benched with White Knight, maintains a good continuity of paper white by flowering 10 to 14 days later.

Apollo. (Late Fall, Mid-Winter, Late Spring). Ivory white. More vigorous than Margaret.

Citation. (Mid-Winter, Early Spring). Large ruffled ivory white. Compact spacing, long spike.

★**Crystal White, Vaughan Strain.** (Early Fall, Early and Mid-Summer). Inbred. Pure paper white, uniform habit, compact floret spacing, will not shatter.

Delaware. (Spring and late Fall). An ivory white with large floret, heavy stem and very long spike. Retains and improves the valuable traits of Citation.

June Bride. (Early Fall and Early Summer). Pure white. It has hard clean stems and is shatterproof.

Margaret. (Early Spring). Inbred. Ivory white. Exceptionally stiff stem, almost no side growth. Medium sized floret, long lasting.

Trade pkt. (4000 seeds) **\$4.00**; 1/2 Trade pkt. (2000 seeds) **\$2.25**.

Ohio. (Winter and Early Spring). Pure paper white. Florets are compactly spaced and shatterproof. In vigor and stem length frequently exceeds Albion and White Knight.

Potomac White. (Early Fall and Early Summer). A good white.

Snowman. (Early Spring.) Pure white.

Spartan White. (Mid-Winter, Early and Late Spring). Pure white, shatter resistant.

Tommy Armstrong. (Early Spring). Inbred. Good white, closely spaced florets.

Twenty Grand. (Mid-Winter, Late Spring). Ivory white. Ruffled, upright, compact florets. Long, gracefully tapered spike.

Virginia. (Late Spring and Fall). Vigorous paper white, long spikes, hard, clean stems and large florets that are shatterproof. A significant improvement in vigor, production and beauty over existing strains.

★**White Flare.** (Early and Late Spring.) Large florets of purest white, closely spaced on long tapered spikes.

White Knight. (Early Spring). Pure paper white, well placed florets on compact spike. Combines earliness, vigor, purity of color and long spikes to excellent advantage.

White Skies. (Early Fall, Early and Mid-Summer). Pure white. Quite tall and vigorous. Highly shatterproof.

RED

Cherokee. (Late Fall, Mid-Winter). True "Christmas" scarlet-red. Long, well formed spikes, sturdy stems.

Man-O-War. (Late Fall, Mid-Winter, Early Spring). Copper-red shade with yellow lip. Clean grower, good flower placement.

Navajo. (Early Spring). A bright true red.

Priscilla Ann. (Early Spring). Velvety crimson.

Tennessee. (Fall). A real deep red, best suited to the fall when color is in demand. Quite shatterproof with good floret spacing on long uniform spikes. A perfect companion to Kansas for brilliant fall coloration.

ALL FORCING SNAPDRAGONS

Trade pkt., **\$4.00**; 1/2 Trade pkt., **\$2.25**.

For Suggested Flowering Program and Schedule For Year Round Snapdragons we refer you to our Snapdragon Manual mailed in June.



SNOW CREST



KENTUCKY

Forcing Snapdragons

LAVENDER and PURPLE

Arizona. (Summer.) The deep rosy lavender color of Lavender Lady. Vigorous grower. Long, gracefully tapered spike, large florets.

Lavender Lady. (Early Spring). Deep rosy lavender, excellent spike and stem.

Maine. (Winter and Early Spring). A rich purple, flowering with Citation. A vigorous grower with good spike and form. Large florets are beautifully spaced on strong spikes.

Windmiller's Lilac. (Early Spring). Inbred. A true orchid.

Trade pkt. (4000 seeds) \$4.00; ½ Trade pkt. (2000 seeds) \$2.25.

YELLOW

Broker's Tip. (Early and Late Spring). Deep yellow, medium sized florets, little or no side growth. Good stems.

Colorado. (Late Spring and Fall). A large flowered yellow hybrid; very uniform and vigorous. The color of Broker's Tip and a shade lighter than Potomac Yellow. Shatterproof florets, long spike. Combines well with Virginia (white).

Dark Star. (Early Summer, Mid-Summer, Early Fall). Clear deep yellow. Uniform, vigorous, clean growth, compact floret spacing. Shows resistance to high temperature burn.

Golden Spike. (Late Spring). Rich golden yellow. Long stems, tapered flower spike.

Goldrush. (Early Spring). Deep Jonquil yellow, large flowers.

Nevada. (Late Spring and Fall). An intense yellow hybrid with a huge floret on vigorous long spikes. Flowers with Kansas and Tennessee. Very valuable in May-June and October-November crops. Deeper in color than Colorado and about two weeks earlier.

Patricia. (Late Spring). Medium sized florets of rich yellow with full deep yellow lower lip. Long spike.

Potomac Yellow. (Early Summer and Early Fall). A good medium yellow.

Rockwood Summer Yellow. (Mid-Summer). Inbred. A fairly deep yellow.

Summer Yellow. (Early Summer, Early Fall). Tall vigorous growing, clear yellow. Very early. Shatterproof.

Swaps. (Late Fall, Mid-Winter). Large showy yellow florets, clean hard stems. Earlier than War Admiral and Seabiscuit. Outstanding for its large, compactly spaced showy yellow florets.

Vermont. (Winter and Early Spring). Primrose yellow, a new and beautiful pastel color tone. Spikes are long and graceful with abundant tip-bud. Stems are hard, clean and uniform.

War Admiral. (Mid-Winter). Medium Yellow. Outstanding in vigor, uniformity and spike formation.

★**Yellow Flare.** (Early Spring). Medium yellow of good growth, long heavy stem, good sized flower head.

BRONZE

Barbara. (Early Spring.) Large flowered bronze, pink throat.

★**Bronze Flare.** (Early Spring). Medium bronze with yellow lip. Compact floret placement, flower spike of good size.

Cavalcade. (Mid-Winter, Early Spring). Lively golden bronze that has few equals for uniform production of long tapered spikes.

Gallant Fox. (Early Spring). Deep orange bronze, strong vigorous grower; compact floret placement.

Kansas. (Fall). Brilliant golden bronze resembling Cavalcade. A vigorous variety with strong stem and long spikes. Large florets. Color has real merit, especially in the Fall months.

LIGHT PINK

Chevy Chase Pink. (Early Spring). Pastel pink, a shade deeper than Maryland Pink Improved.

Christina. (Early Spring). Light rose pink, large florets. Vigorous grower, almost no side growth.

Florida. (Summer). Vigorous light pink flowering with Gay Time. A Christina color that is smooth and glistening. Displays superb color retention under high temperatures and is highly shatterproof. Spikes are long with compact floret spacing.

Indiana. (Late Winter and Spring). Light rose pink. Large floret with ruffled hood. Spikes are long and tapered. Uniformity and vigor set new standards in hybrid Snaps.

Kentucky. (Late Spring and Fall.) Apple-blossom pink. Lighter than Potomac Pink.

Mary Ellen. (Early Spring). Light rose pink, a shade lighter than Christina.

Trade pkt. (4000 seeds) \$4.00; ½ Trade pkt. (2000 seeds) \$2.25.

Maryland Pink Improved. (Early Spring). A creamy light pink.

Nashua. (Mid-Winter). Light rose pink, large ruffled florets compactly borne on hard clean stems. Shatterproof.

Native Dancer. (Late Fall, Mid-Winter). Light rose pink. Extreme vigor, exceptionally long spikes. Compact placement of large florets.

New York. (Winter and Early Spring). A smooth light pink, displaying tremendous vigor and earliness. Flowers with War Admiral. Spike is large and compact. A very clear pink with a minimum of yellow in lower lip.

Rebecca. (Mid-Winter, Early Spring). Soft rose pink. Almost no side growth, large florets closely set on stiff heavy stem.

Rosebud. (Winter and Early Spring). Large ruffled florets of soft pastel pink on long, compact spikes.

Summer Pink. (Early Summer, Early Fall). Light rose pink with large florets and longer spike than most Summer varieties. Shatter resistant.

Top Flight. (Winter and Early Spring). Light rose pink. Quite uniform. Earlier than Christina.

ROSE

Bridesmaid. (Early Spring). Clear medium rose.

Gay Time. (Early and Mid-Summer, Early Fall). Rose-pink of good vigor with hard stem and long spike. Very uniform. 7 to 14 days earlier than Summer Jewel.

Libby. (Mid-Winter.) Dark rose pink, vigorous growth. Large florets, long spikes.

Maryland Flamingo. (Late Fall, Mid-Winter, Early Spring). Bright salmon-rose. A new color in Snapdragons. Shatterproof.

New Times. (Mid-Winter). Bright deep Beauty-rose, medium long spike, fine strong stem.

Potomac Rose. (Early Summer, Early Fall.) A good rose pink, coming into flower with Potomac White and Pink.

Rockwood Pink Supreme. (Early and Mid-Summer, Early Fall). Inbred. A brilliant rose-pink.

Rosanna. (Early Spring). Deep bright rose.

★**Rose Flare.** (Late Winter and Spring). A medium rose deeper in tone than Pink Flare Improved. Large closely set florets, long tapered spike.

Spartan Rose. (Late Fall, Mid-Winter, Early Spring). Medium deep rose.

Summer Jewel. (Early and Mid-Summer, Early Fall). Rich deep pink. Vigorous, uniform grower, stems of great strength and long spike. Compact floret spacing. Will not shatter.

Wisconsin. (Winter and Early Spring). Intense dark pink with a color tone resembling Better Times. Long, tapering spikes.

ALL FORCING SNAPDRAGONS

Trade pkt., \$4.00; ½ Trade pkt., \$2.25.



TENNESSEE



NASHUA

Forcing Snapdragons

MEDIUM PINK

Anne Marie. (Late Spring, Late Fall.) Clear pink, medium closely set florets on stiff heavy stem.

★**Pink Flare Improved.** (Early Spring, Late Fall.) Clear medium pink. Large florets closely set on long tapered spikes.

Pink Ice. (Late Fall, Mid-Winter, Early Spring). Medium rose with lighter lip.

Potomac Pink. (Early Summer, Early Fall). A good medium pink

Rockwood Summer Pink No. 1. (Early and Mid-Summer, Early Fall). Inbred. Medium pink.

Whirlaway. (Winter and Early Spring). Large florets, close spacing, long spike. A bit deeper than Mary Ellen. Performs best at the lower temperature levels.

Wintergreen. (Winter and Early Spring). A light rose-pink for winter and early spring. Stiff wiry stems, no grassiness.

Greenhouse Varieties, Vaughan's Special Mixture. With pinks predominating. Our own **Formula-blend** that includes the more popular open pollinated and F-1 Hybrid varieties.

Solanum

ANNUAL 11,000 seeds oz. 68-86° 2-3 weeks.

There is a steadily increasing demand for "Ornamentals," particularly those with bright colored fruits or foliage. Among these are Christmas Cherry and Christmas Pepper. Both make attractive pot plants and are much in demand at Christmas.

ORNAMENTAL PEPPER

Nicely fruited plants will be available for Christmas from a mid-April sowing. Recommend keeping pots over summer in greenhouse or frame.

★**Vaughan's Candle Pepper. (Christmas Pepper)** The peppers are one inch long and decidedly pointed, creamy-yellow changing to red. Finely tapered peppers grow upright, giving a daintier appearance than Celestial. Pinch once for larger heavier plants. Trade pkt., (1/16 oz.) 50c; 1/4 oz., \$1.50; oz., \$4.75.

ORNAMENTAL CHERRY

Sow seed in February, grow on outdoors during the Summer and pot up in September for Christmas sales.

★**Christmas Cherry Improved.**

Trade pkt., (1/16 oz.) 45c; 1/4 oz., \$1.25; oz., \$4.00.

Felger's Orange. The berries are larger than that of Cleveland Cherry and are well up on top of the foliage. In 6 inch pots the plant will have a spread of 18 to 20 inches.

Trade pkt. (1/32 oz.) 55c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; oz., \$9.00.

Scabiosa

DOUBLE LARGE FLOWERING (Pincushion Flower)

ANNUAL 4,500 seeds oz. 68-86° 2-3 weeks.

Azure Fairy. Azure blue. A splendid cut flower.

Trade pkt., (1/8 oz.) 45c; 1/4 oz., 75c; oz., \$2.25; 4 oz., \$6.75.

Dwarf Mixed. 8 in. Trade pkt., (1/8 oz.) 60c; 1/4 oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

IMPERIAL GIANTS

Extremely large flowers composed entirely of broad frilled petals, arranged in a perfect ball, no "pincushion." Plants are tall and upright and bear flowers on long wiry stems. 42 to 48 in.

★**Blue Moon.** Deep lavender blue, fine for cut-flowers.

★**Coral Moon.** Shades of medium to deep salmon.

★**Silver Moon.** Pure paper white.

Each of the above: Trade pkt., (1/8 oz.) 45c; 1/4 oz., 75c; oz., \$2.25; 4 oz., \$6.75.

★**Vaughan's Super Crown Imperial Mixed.** Extremely large flowers arranged in a perfect ball. An excellent range of color. Trade pkt., (1/8 oz.) 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00.

Scabiosa

PERENNIAL 2,000 seeds oz. 68-86° 2-3 weeks.

Caucasica Alba. Pure white. 40 in.

Trade pkt., (1/8 oz.) 70c; 1/4 oz., \$1.25; oz., \$4.00.

Caucasica Perfecta. Lavender. Fringed flowers, very large and beautiful. Trade pkt., (1/8 oz.) 70c; 1/4 oz., \$1.25; oz., \$4.00.

House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure blue and lavender to deep blue and silvery white. Trade pkt., (1/8 oz.) 70c; 1/4 oz., \$1.25; oz., \$4.00.

Vaughan's Special Mixture. All the above Caucasica types. Trade pkt., (1/8 oz.) 70c; 1/4 oz., \$1.20; oz., \$3.60.

Schizanthus

ANNUAL 50,000 seeds oz. 54° 1-2 weeks.

A January sowing will make choice 3 in. plants for spring combinations. Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

★**Vaughan's Dwarf Masterpiece.** The plants grow dwarf and compact. Flowers are of good size. Colors range from light pink and rose, to dark violet, with conspicuous blotches. Trade pkt., (1/32 oz.) 65c; 1/16 oz., \$1.10; 1/8 oz., \$1.80; 1/4 oz., \$3.25; oz., \$10.00.

Wisetonensis Monarch Strain. The finest strain of large flowered hybrids. Trade pkt., (1/16 oz.) 45c; 1/4 oz., \$1.35; oz., \$4.00.

Statice Sinuata

ANNUAL 375 flower heads oz. 68-86° 2-3 weeks.

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

Kampf Improved.

Tall, brilliant deep blue

★**Market Growers.** Deep Blue
Pure White

★**Market Rose.**

A deep warm rose.

★**Pastel Shades Mixed**
New Colors Mixed

Each of the above: 1/2 oz., 35c; oz., 60c; 4 oz., \$2.00; lb., \$6.00.

Bonduelli. Golden yellow.

1/2 oz., 35c; oz., 50c; 4 oz., \$1.60; lb., \$4.80.

★**Suworowii.** Russian or Rat Tail. Flowers bright rose. Can be grown in cool house. 30 in.

Trade pkt., (1/16 oz.) 40c; 1/4 oz., \$1.00; oz., \$3.00.

Statice

PERENNIAL Seeds, see below. 68-86° 2-4 weeks.

Dumosa. (19,000 seeds per oz.) Dense cushions of pure silver-gray flowers, 30 in. Trade pkt., (1/16 oz.) 40c; 1/4 oz., \$1.00; oz., \$3.00.

Latifolia. (40,000 seeds per oz.) Small lavender-blue flowers. Trade pkt., (1/8 oz.) 35c; 1/4 oz., 65c; oz., \$2.40.

Stokesia

PERENNIAL 3,300 seeds oz. 68-86° 4-6 weeks.

Cyanea (Stokes Aster). Large blue flowers, dwarf habit, beautiful late bloomer. Trade pkt., (1/8 oz.) 70c; 1/4 oz., \$1.25; Oz., \$4.00.

The Best in Double Stocks

ANNUAL 18,500 seeds oz. 54-90° 2 weeks

Stocks are easily grown and a profitable cutflower item. Thoroughly sterilize soil and benches before sowing as precaution against root-rot. Seed may be safely sown in our area from mid-July to mid-February. Later sowings tend to show blindness. From an August sowing the first flowers may be cut at Christmas, if given additional lighting (40 to 60 watt lamps spaced 5 ft. apart). Normal flowering for such a planting is January. Successive sowings insure a continuity of bloom.

The Non-Branching or Column Stock is most generally grown and should be planted 3 inches in the row and 6 inches between rows, producing a single stem. Since heat creates a tendency to blindness, not over 50 degree night temperature should be used. To secure the greatest percentage of doubleness, largest and most vigorous seedlings should be selected.

Varieties preceded by star (★) are the most popular colors.



STOCKS TRYSONIC 7 WEEKS MIXED (background)
VIOLA F-2 TOYLAND (foreground)

Trysonic 7 Weeks

Truly a "Hot Weather" Stocks, bred for earliness and long season of bloom. It has become noted for high performance in areas where heretofore Stocks were not considered a garden item. In our own trials it was in full bloom during the hot dry days of July and August.

Throwing a central spike of bloom some 6 inches or more in height, later there develops many side branches which form an attractive branching plant from 12 to 15 inches in height. A brilliant range of color.

Because of its earliness, can be had in bloom in flats or peat pots for spring bedding plant sales.

American Beauty Red	Azure Blue
Bright Rose	Fiery Red
Lilac Lavender	Navy Blue
White	Canary Yellow
Rose and White Bicolor.	

Formula Mixed. Includes all the above.

Each of the above 10: ½ Trade pkt., (½ oz.) \$1.00; Trade pkt., (⅓ oz.) \$1.75; ¼ oz., \$2.75; ¼ oz., \$5.00; oz., \$18.00.

Trysonic Giant Imperial

A branching strain producing 85% or more full-double flowers. This can be increased to 100% at the four-leaf seedling stage. At this period of growth young singles are noticeably weaker.

Choice Mixed. Our own formula blend, includes all the popular colors. ½ Trade pkt., (½ oz.) \$1.00; Trade pkt., (⅓ oz.) \$1.75; ¼ oz., \$2.75; ¼ oz., \$5.00; oz., \$18.00.

"Non-Branching Column Stocks"

WHITE

★**Avalanche.** Pure paper white florets of good size and substance. Long massive spike. The earliest and finest white for outdoor growing, especially recommended for California and Arizona. Does equally well in the greenhouse.

★**Gardenia Improved.** Flowers of purest white and quite early. Needs disbudding. A fine outdoor strain.

★**White Improved No. 16.** Semi-tall. An early pure white with large floret and compact spike. We consider this the finest white for greenhouse growing.

LAVENDER, BLUE AND PURPLE

★**Purple Heart.** Bright violet-purple. Long stemmed and large flowers.

★**Silvery Lilac** (Lilac Lavender). Good stems, long flower spike. Early flowering.

PINK, ROSE AND RED

★**Pacific Pink.** Pure pink on cream base. A new color in Column Stocks without bluish cast usually found in most pinks and rose. Does well under artificial lights. Excellent Spring flowering pink.

★**Rose Pink No. 14.** A fairly deep rose pink, slightly deeper than Supreme No. 22, and early to flower. A good market color.

★**Ruby.** Rich crimson-red.

★**Supreme No. 22.** Rich silvery rose, extra long stem, fine heavy spike. Vigorous grower.

MISCELLANEOUS VARIETIES

★**Deep Apricot.** A coppery terra-cotta. Long stemmed.

★**Yellow Spire.** A true yellow, bright and clear.

★**Special Florist Mixture.** A formula-blend of the most popular colors.

Each of above, Trade pkt., (⅓ oz.) \$1.00; ¼ oz., \$2.50; oz., \$7.50.

Improved Giant Bismarck (Early Giant Imperial)

An especially good early flowering, branching strain producing a high percentage of doubles. One of the best for greenhouse culture or outside planting. 2½ ft.

★**Appleblossom.** (Blush-pink).

★**Buttercup.** Deep golden yellow.

★**Chamois.**

★**Elk's Pride.** (Royal purple).

★**Fiery Blood-Red.**

★**Lavender.**

★**Rose.**

★**Shasta.** Vigorous, glistening white.

Giant Bismarck Mixed. All colors.

Each of the above 9: Trade pkt., (⅓ oz.) 30c; ¼ oz., 55c; oz., \$1.60; 4 oz., \$5.00; lb., \$15.00.

Dwarf Large-Flowering Ten Weeks

Compact pyramidal growth, excellent for pots, bedding or combinations. Not desirable for cutting.

★**Extra Choice Mixed.** Blood-red, bright pink, canary yellow, dark blue, deep rose, lavender and white in the right proportion.

Trade pkt., (⅓ oz.) 40c; ¼ oz., 65c; Oz., \$2.20; 4 oz., \$6.60; lb., \$20.00.

★ Strawberry

ANNUAL 2,800 seeds ½ oz. 55-65° 2-3 weeks.

★**Baron Solemacher.** Red. Of the Alpine (non-runner) type. Can be had in fruit (and flower) on Mother's Day, if sown in January. Suggest 3 plants in a 5 inch Azalea pot. Will produce berries all Summer and Fall. Trade pkt., (⅓ oz.) 60c; ½ oz., \$1.00; ¼ oz., \$1.80.

★ Streptocarpus (Cape Primrose)

ANNUAL 750,000 seeds oz. 68° 2-3 weeks. Needs light.

★**Wiesmoor Hybrids.** The large orchid-like flowers are well fringed and crested. The leaves are small, making it more adaptable to potting. The color range is most complete, pink, in all its shades and variations, deepest red, blue shades and white with dark blotches.

The plants flower abundantly and early. By successive sowings from October to March, blooming plants will be available all year round for sale or cutting.

Seeds are small and require little covering. Should be grown rather cooler than Gloxinias.

Trade pkt., \$1.25; 3 Trade pkts., \$3.25; 5 Trade pkts., \$5.25.

Sweet Peas

ANNUAL 350 seeds oz. 68° 2 weeks.

Standard Winter (Early) Spencers

Although the Spring Flowering group is preferred for late greenhouse planting, this Winter class does flower earlier and by many is preferred for outdoor planting. Sow from July to September for winter and early spring blooms.

American Beauty. Crimson-rose.

Amethyst. Royal purple.

Blue-Supreme. Rich mid-blue.

Cascade. White seeded, white.

Harmony. Lavender. Fragrant.

Hope. Black seeded, white.

Laddie Improved. Light rose-pink.

Mrs. Herbert Hoover. Clear blue.

Oriental. Black seeded cream.

Princess Blue. Light blue.

Red Giant. Bright crimson-red.

Sequoia. Golden salmon-rose.

Shirley Temple. Soft rose-pink.

Top Sergeant. Deep blood-red crimson.

Triumph. Deep lilac-mauve.

Each of the above 15: ½ oz., 35c; oz., 55c; 4 oz., \$1.65; lb., \$5.00.

Vaughan's Special Formula Mixture. From named sorts.

½ oz., 35c; oz., 55c; 4 oz., \$1.65; lb., \$5.00; 10 lb., \$48.00.



Dwarf Sweet Peas

Little Sweetheart Mixture. 8 in. Of upright growth forming a perfectly rounded bush. Compact little plants covered with large Spencer type flowers. Blooms early and over a long season. Upright growth, requires no staking. An interesting novelty variety for bedding, border and pot plant culture.

½ oz., \$1.50; Oz., \$2.20; 4 oz., \$7.00; Lb., \$21.00.

Surprise Garden

Our own "formula blend" of interesting annuals that will provide color in the home garden and be a source of cutflower material throughout a long season of bloom. No vines or trailing varieties are included in this blend. 4 oz., \$1.35; lb., \$4.00.

Tahoka Daisy

ANNUAL 29,000 seeds oz. 68-86° 2 weeks.

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow. 20 in.

Trade pkt., (⅓ oz.) 45c; ¼ oz., \$1.25; Oz., \$3.80.

Thalictrum

PERENNIAL 12,000 seeds oz. 68° 4-6 weeks.

Aquilegifolium Mixed. (Meadow Rue). Graceful foliage, mixed colors. Trade pkt., (⅓ oz.) 35c; ¼ oz., 55c.

Thermopsis

PERENNIAL 6,500 seeds oz. 68-86° 2-3 weeks.

Caroliniana. Yellow pea-shaped flowers in long racemes. 3-5 ft. Trade pkt., (⅓ oz.) 45c; ¼ oz., 75c; Oz., \$2.40; 4 oz., \$8.75.

Thunbergia

ANNUAL 1,100 seeds oz. 68-86° 2-3 weeks.

Mixed. Fine climber or trailer for window boxes and hanging baskets. Flowers in shades of yellow, white, buff and orange, black centered. Trade pkt., (⅓ oz.) 40c; ¼ oz., 60c; Oz., \$1.75; 4 oz., \$5.25.

Tithonia

ANNUAL 2,800 seeds oz. 68-86° 2-3 weeks.

Torch. Brilliant orange-scarlet flower, borne on stout stems, excellent for cutting. Early free flowering. 4 ft. All America Silver Medal Winner for 1951.

Trade pkt., (⅓ oz.) 50c; ⅓ oz., 90c; ¼ oz., \$1.50; Oz., \$4.50.

Zvolanek's Multiflora Sweet Peas

A free-flowering strain of Sweet Peas. Many 5's and 6's on exceptionally long stems. A profitable market variety. Peculiar to this group is all florets on a stem are in bloom at one time. Mid-July through November sowings provide bloom from November to May. 15 weeks to bloom.

Beauty Rose. Deep crimson-rose.

Christmas Red. Crimson.

Elk's Purple. Deep purple.

Orchid. Deep orchid-lavender.

Each of the above 7: ½ oz., 35c; oz., 55c; 4 oz., \$1.65; lb., \$5.00.

Mixed. A well-balanced blend.

½ oz., 35c; oz., 55c; 4 oz., \$1.65; lb., \$5.00; 10 lb., \$48.00.

Rose Pink. Giant flowers.

Salmon Pink. Rose pink, salmon tint.

White. White seeded.

Cuthbertson Floribunda Sweet Peas

Spring Flowering. Preferred by most growers for spring greenhouse flowering, coming into bloom midway between the Winter and Summer Flowering groups. Do not sow before October for this purpose. Coming into flower a week or more before the Summer Peas, they are now widely grown outdoors.

Astrid. Light lavender.

Daisy. Black seeded, white.

Danny. Navy blue.

David. Bright rose crimson.

Eileen. Coral pink.

Evelyn. Salmon cream-pink.

Frank G. Rosy-lavender.

Kenneth. Ox-blood crimson.

Lois. Rose-pink white ground.

Robert. Mid-blue.

Ruth. Deep rose pink.

William. Picotee rose pink, white ground.

Each of the above 12: oz., 40c; 4 oz., \$1.20; lb., \$3.60.

Vaughan's Formula Mixture. Our own formula-blend which includes all the above.

Oz., 30c; 4 oz., \$1.00; lb., \$3.00; 10 lb., \$28.50.

Summer Flowering Sweet Peas

Sow in pots or plant bands in late Winter and grow on cool after germination. Small plants ready to set out in early Spring as soon as soil can be worked. The most widely used for outdoor growing.

Ambition. Deep Lavender.

Capri. Light blue.

Chinese Blue. Deep blue.

Flag Ship. Deep navy blue.

Gigantic. Largest and best black seeded white.

King White. White seeded.

Mabel Gower. Clear mid-blue.

Prince of Orange. Deep orange.

Red Supreme. Deep crimson.

Welcome. Dazzling scarlet.

Pinkie. Rose-pink.

Each of the above 11: oz., 40c; 4 oz., \$1.20; lb., \$3.60.

Vaughan's Special Mixture. A formula blend of good color range.

Oz., 30c; 4 oz., \$1.00; lb., \$3.00; 10 lb., \$28.50.

Verbenas

ANNUAL 10,000 seeds oz. 68-86° 3-4 weeks.

One of the most colorful and showy plants for bedding and combinations. To hasten germination grow in soil at 65 degrees. When established a night temperature of 50 degrees is best. Pinch early to avoid straggly growth.

GIGANTEA (Hybrida Grandiflora).

Alba. Very large, pure white.

Beauty of Oxford Hybrids. Bright shades, ranging from clear rose pink to rose red.

Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true.

Marilyn. Fiery cerise with a suggestion of scarlet, the small cream eye accenting the warm brilliance of the color. Mammoth clusters of large flowers, uniformly compact plants, early and free flowering.

Spectrum Red. Intense pure bright red without eye.

Vivid. Brilliant sunproof scarlet, brighter and more intense than Spectrum Red. Large uniform trusses, large florets. Compact plant, 8 inches tall.

Each of above 7. Trade pkt., ($\frac{1}{8}$ oz.) 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Multiflora (Bush Type).

An improved hybrida grandiflora. Masses of bloom covering the center of the plants, eliminating the troublesome hollow spot so often found in the older strains. Plants are of uniform bushy habit about 8 to 10 in. high, and 12 to 15 in. across, with flower heads practically touching each other. Most suitable for borders.

Firelight. Large closely spaced blooms of brilliant fiery red.

Roselight. Rose-pink with white eye.

Salmon Queen. Bright salmon pink, small white eye.

Snow White. Large pure white.

Starlight. Mid-blue with creamy-white eye.

Mixed. A well-balanced mixture.

Each of the above 6: Trade pkt., ($\frac{1}{8}$ oz.) 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$10.75; lb., \$40.00.



★ Dwarf Master Verbenas

The finest Verbena for spring bedding plants and combinations. Very compact and dwarf, coming into flower when plants are small and blooming through the entire season. Excellent bright colors, many with eyes. Because of their early blooming quality can be had in flower for Spring sales, in flats or Val-Pacs.®

Dwarf Master Blend.® Hundreds of gay color combinations, many with eyes. Ideally suited to pot and flat culture, wonderful as a garden variety. A brilliant range of color.

Trade pkt., ($\frac{1}{16}$ oz.) 75c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50; oz., \$6.00; 4 oz., \$18.00; lb., \$54.00.

Instant Glamour



VERBENA DWARF DELIGHT

Dwarf Verbenas

Large blooms so tightly arranged the effect is a solid mass of color. The habit is dwarf and compact; extremely free flowering. Plant retains its fine compact habit throughout the long blooming season.

Crystal. Large flowered snow-white.

Dazzle. Brilliant scarlet.

Delight. Clear coral pink suffused salmon.

Sparkle. Bright scarlet-red with a gleaming white eye.

Splendor. Rich royal purple with white eye.

Each of the above 5: trade pkt., ($\frac{1}{16}$ oz.) 50c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50; 4 oz., \$16.00; lb., \$58.00.

VARIOUS SORTS

Hybrida. Mayflower. Beautiful pink.

Trade pkt., ($\frac{1}{8}$ oz.) 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Erinoides (Moss Verbena) Purple, 1 ft.

Trade pkt., ($\frac{1}{8}$ oz.) 50c; $\frac{1}{4}$ oz., 85c; Oz., \$2.50.

Venosa (60,000 seeds per oz.). Heliotrope blue, fine for bedding.

Trade pkt., ($\frac{1}{16}$ oz.) 40c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Vaughan's Best Mixed. This is unquestionably the best of the taller Verbena mixtures. It is composed of the finest strains, all grown separately, and mixed in the right proportion. Trade pkt., ($\frac{1}{8}$ oz.) 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00.

Verbena

PERENNIAL 134,000 seeds oz. 54-90° 2 weeks.

Bonariensis Improved. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. Germination takes full six weeks unless sown in a temperature of 75 degrees. 3 to 4 ft. Trade pkt., ($\frac{1}{32}$ oz.) 50c; $\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.50.

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under \$10.00 net

\$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 200.00, 10%; 200.00 to 300.00, 12%; Over 300.00, 15%.

Charge Orders. If paid within 30 days from date of invoice:

Under \$10.00, net; \$10.00 to 25.00, 2%; 25.00 to 100.00, 7%; 100.00 to 200.00, 9%; 200.00 to 300.00, 11%; Over 300.00, 14%.

★ Torenia

ANNUAL 375,000 seeds oz. 68-86° 2 weeks.

Fournieri. A fine pot plant for Mother's Day sales, good in combination baskets.

Blue. A dark blotch on the lip provides interesting contrast.

White. Ivory white tinted rose.

Each of the above 2: Trade pkt., (1/32 oz.) 45c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; oz., \$8.00.

Tritoma

PERENNIAL 22,000 seeds oz. 68-86° 3-4 weeks.

Pfitzer's Hybrids. Long spikes in brilliant red, orange and yellow shades, growing 4 ft. tall with blooms all summer until frost.

Trade pkt. (1/8 oz.) 45c; 1/4 oz., 75c; oz. \$2.40.

Trollius

PERENNIAL 8,000 seeds oz.

Slow to germinate. For best results store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow, or soak seed in hot water for 30 minutes before sowing. Plants require moist soil.

Mixed. Trade pkt., (1/32 oz.) 55c; 1/16 oz., 95c; 1/8 oz., \$1.65.

Veronica

PERENNIAL 250,000 seeds oz. 54-90° 2 weeks.

Spicata. Blue 1 1/2 ft.

Trade pkt., (1/16 oz.) 40c; 1/4 oz., \$1.00; Oz., \$3.00.

Wallflowers

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

Deliciously scented flowers for early Spring cutting. Prefer rich soil and a cool temperature (45 to 50°). Do not allow too much root room, suggest using a 4 inch flat and grow on in shallow soil. 2 ft.

Double Annual "Early Wonder" Mixed. Shades of yellow, gold and mahogany, including many bicolors. Flower in 5 months from seed. Trade pkt., (1/8 oz.) 40c; 1/4 oz., 65c; oz., \$2.20.

Yucca

PERENNIAL 180,000 seeds oz. 68°

A slow germinator. Germination is never high.

Hardy Varieties Mixed. Trade pkt., (1/16 oz.) 40c; 1/4 oz., \$1.00; oz., \$3.00.

Viola Cornuta

PERENNIAL 25,000 seeds oz. 54-90° 2-3 weeks.

"Pansies in Miniature" best describe the Viola. Very free flowering. Preferred by many as a bedding plant. Perfectly hardy.

Admiration. Deep violet blue, large flowers.

Arkwright Ruby. Rich ruby-crimson shading terra-cotta.

Blue Perfection. Large flowers of clear medium blue.

Chantreyland. Pure apricot. Extra large flowers.

King Henry. Rich violet-blue with lavender center and yellow eye.

Lutea Splendens. Chrome yellow.

Papilio. Blue and White. Extra dwarf, free flowering.

White Perfection. Large flowered creamy-white.

Yellow Gem. Clear yellow flowers, plant of compact habit.

Vaughan's Special Mixture. Bright shades which include many self colors, combinations and some with blotches.

Each the above 10: Trade pkt., (1/16 oz.) 65c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; oz., \$6.00.

Blue Butterfly. Deep blue with white wings.

Jersey Gem (Blue Gem). Rich violet blue.

Each the above 2: Trade pkt., (1/32 oz.) 55c; 1/8 oz., \$1.65; 1/4 oz., \$3.00; oz., \$9.00.

Toyland (F-2). Huge full-round 2 inch blooms gracefully waved and borne profusely, with typical hybrid vigor, on sturdy compact plants. Pure colors and combinations of mahogany red, gold, apricot, blue, purple, violet black and white. Illustrated in color on page 37.

Trade pkt. (1/32 oz.) 65c; 1/8 oz., \$1.95; 1/4 oz., \$3.30; oz., \$10.00.

Viola—Various Types

Blue Elf. The upper petal of deep violet blue provides an interesting contrast for the light violet blue of the lower petal and the gold eye. Small dark green foliage.

Johnny Jump Up. Pansy-like faces of purple, blue and yellow. A prolific bloomer.

Nigra (Black Imp). Velvety coal black flowers, small in size, but interesting and attractive.

Each the above 3: Trade pkt., (1/32 oz.) 45c; 1/8 oz., \$1.35; 1/4 oz., \$2.50; oz., \$7.50.

Odorata Semperflorens. Deep blue fragrant flowers. Often referred to as "Sweet Violet."

Trade pkt., (1/16 oz.) 65c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; oz., \$6.00.

★ Vinca Rosea (Periwinkle)

ANNUAL 20,500 seeds oz. 68-86° 2-3 weeks

One of the most satisfactory annuals for use in combinations or as an outdoor bedding plant. Blooms through the entire summer until frost and does well either in sun or partial shade. Slow to start, we suggest early sowing. Give bottom heat and grow warm. 18 in.

Pink. Medium pink.

Alba Oculata.

Alba Pura. Pure White. White with pink eye.

Delicata. Soft pink.

Mixed. The above in a well-balanced blend.

Each the above 5: Trade pkt., (1/8 oz.) 40c; 1/4 oz., 65c; oz., \$2.00; 4 oz., \$6.00; lb., \$18.00.

DWARF VINCAS. Plants are dwarf and compact, growing but half as tall as the older strains from which they were selected. Bloom over a long season, very free flowering and quite tolerant of hot dry summers. Ideal edging or bedding plant. For late May bloom, suggest February 1st sowing, give bottom heat and grow warm. Glossy dark green foliage. 8 to 10 in.

Little Pinkie. Rose colored blooms of good size cover the plant. Trade pkt., (1/16 oz.) 45c; 1/4 oz., \$1.25; oz., \$4.00; 4 oz., \$14.50.

Bright Eye. Glistening white with a contrasting rose-red eye. Trade pkt. (1/16 oz.), 80c; 1/8 oz., \$1.40; 1/4 oz., \$2.50; oz., \$7.50.

Instant
Glamour



VINCA BRIGHT EYE

LITTLE PINKIE



Instant
Glamour

ZINNIA *Golden Heart*

Golden Heart. A Vaughan "Exclusive." As the dazzling scarlet-red petals unfold the heart of rich golden yellow is revealed. The color contrast is striking. Petals of this new Cactus Flowered Zinnia stand upright, unlike previous introductions which lay flat. Gives the flower a fresh "new look."

Trade pkt. ($\frac{1}{8}$ oz.), 55c;
 $\frac{1}{4}$ oz., \$1.00; oz., \$3.00;
4 oz., \$10.00; lb., \$30.00.



ZINNIA
GIANT CACTUS
FLOWERED
MIXED.

Zinnias...always popular

This Fine Selection Includes 2 All-Americans

ANNUAL 2,500 to 4,000 seeds oz. 68-86° 1-2 weeks.

An easily grown annual that responds quickly when soil and atmospheric conditions are right. Wide variation in flower size, type and height has increased the interest in the Zinnia. It is now much used for cutting, because of its long lasting qualities, and makes an excellent background subject and dwarf sorts are also used in the garden border.

More and more the home gardener is depending on the grower for his plants, preferring to buy them rather than make his own seed sowing. To insure a good supply of plants, we suggest seed be sown about 30 days before the start of your bedding plant selling season.

Zinnia seed may also be sown inside in February and March for inside cutting. Sown in April plants will bloom from May 20 to June 20 and from a May sowing cutting material will be ready from June 10 to 20.

Instant
Glamour

ZINNIA GLAMOUR FOR 1962 "For Cutting or Garden Border"

Old Mexico. All America Silver Medal 1962. The first in a new series of Mexicana type Zinnias. Large blooms, freely produced on uniformly bushy plants. A tetraploid, flower size is greatly enlarged for attractive garden display. Double flowers, uniform bicoloring, rich mahogany-red base overlaid with varying shades of golden yellow. Attractive for borders, good stem length for cutting. Combines well in the border with Climax Marigold and Alyssum Carpet of Snow.

Trade pkt. ($\frac{1}{8}$ oz.), \$1.50; $\frac{1}{4}$ oz., \$2.65; oz., \$8.00; 4 oz., \$26.65.

Red Man. All America Bronze Medal 1962. A brighter lighter version of the popular Floradale Scarlet. The brilliant scarlet flower is more delicately quilled. Lacy, airy petallage eliminates "heaviness" so often found in giant Zinnias. Plants are compact, flowers are of giant size and the lively color is sure to attract attention.

Trade pkt. ($\frac{1}{16}$ oz.), 75c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00; 4 oz., \$29.00.

GIANT CACTUS FLOWERED

An extra large flowered Zinnia up to 6 inches in diameter. In form and color, there is much variation. Some petals are fluted, others flat and twisted, but all are beautiful and often spectacular.

Blaze. Flowers of brilliant mandarin-red softening to orange-scarlet.

Cherry Time. Closely related shades of cherry, cerise, spiraea red and magenta. The color is strong, the effect magnificent.

Floradale Scarlet. Intense scarlet-red.

Ice Cream. A rich pure cream.

Riverside Beauty. Rich azalea-pink.

Snow Time. The nearest to white of any Cactus-flowered Zinnia. Flowers are large and borne on full-sized, vigorous plants.

Sunny Boy. Buttercup-yellow, very brilliant.

Giant Cactus Flowered Hybrids (Burpee Hybrids). A complete range of color which includes pastels found nowhere else.

Each of the above 8: $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$5.00; lb., \$15.00.

Rosie O'Grady. A distinctive bicolor. Deep rose center shading to soft rose. Attractively curled and twisted petals. Ideal for cutting or garden decoration. Trade pkt. ($\frac{1}{16}$ oz.), 50c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.50; oz., \$4.50; 4 oz., \$14.00.

FANTASY 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Fantasy Mixed. Our own formula-blend which includes soft orchid-lavender, orange, rose, deep golden yellow, dazzling scarlet and white in just the right proportions. $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$4.50; lb., \$13.50.

PUMILA FL. PL.

This is called the "Cut and Come Again" type. 2-3 ft.

Albà Plena. Snowball

Aurea. Golden orange.

Canary Yellow.

Coccinea Plena.

Fireball.

Vaughan's Special

Pumila Mixed. The above shades.

Each of the above 8: $\frac{1}{4}$ oz., 50c; oz., \$1.50; 4 oz., \$5.00; lb., \$15.00.

Pinkie. Rose-pink.

Salmon-Rose. Remarkable shade, good for cut flowers.

Sunshine Tints.

for bedding and cutting
and a Vaughan's Exclusive!

Giant Zinnia Sorts

WHITE and CREAM

Isabellina. Soft cream-yellow.
Purity (Polar Bear). The best large flowered white.

YELLOW and GOLDEN

Canary Bird. (Daffodil). Clear canary-yellow.
Golden Dawn (Golden Queen). Golden yellow.
Oriole. Orange and gold.
Orange King. Orange-scarlet.

LAVENDER and PURPLE

Dream (Lavender Gem). Deep lavender.
Purple Prince (Violet Queen-Royal Purple). Deep purple.

PINK and ROSE

Eldorado. (Salmon Queen). Rose on deep salmon.
Exquisite (Enchantress). Light rose, deep rose center.
Illumination. (Rose Queen). Deep rose-red.
Luminosa (Brightness). Bright deep pink suffused salmon.
Miss Willmott. Soft pastel pink.

RED and SCARLET

Cherry Queen. Brilliant cherry-rose.
Crimson Monarch (Crimson Queen). The best red.
Meteor (Grenadier). Rich deep red.
Will Rogers. Brilliant scarlet-red.
Scarlet Queen. (Scarlet Flame). Bright scarlet.

MIXTURES

★ **Gold Medal Mixture.** A formula-blend composed of the most important cutflower varieties. We consider this the finest of the large flowered mixtures.

California Giants Vaughan's Special Mixture. Includes all the colors.

Super Crown of Gold Pastel Tints. Large well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow.

Each of the above: ¼ oz., 40c; oz., \$1.25; 4 oz., \$3.75; lb., \$11.25.

Pink Lady. Shrimp pink center and cream or buff outer petal.
¼ oz., 50c; oz., \$1.50; 4 oz., \$5.00; lb., \$15.00.



ZINNIA RED MAN



BORDER PLANTING—ZINNIA OLD MEXICO
MARIGOLD CLIMAX IN BACKGROUND—ALYSSUM CARPET
OF SNOW IN FOREGROUND

LILLIPUT OR POMPON 1½ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Black Ruby. Deep blackish maroon

Canary Yellow

Crimson

Dainty Gem. Dainty bicolor rose

Deep Flesh. Bright pink

Vaughan's Special Lilliput Mixture.

Each of above 13. ¼ oz., 40c; oz., \$1.25; 4 oz., \$3.75; lb., \$11.25.

Lilliput Tom Thumb Mixture. Small double flowers in shades of red, orange, pink, yellow and white pastels. Delightful for low bowls. 8-10 in.

¼ oz., 65c; oz., \$2.20; 4 oz., \$6.60.

OTHER VARIETIES

Cupid Mixed. Miniature flowers, 1 inch in diameter, on slender wiry stems. Plants are compact, about 1 ft. high.
¼ oz., 50c; oz., \$1.50; 4 oz., \$5.00; lb., \$15.00.

Linearis. (123,000 seeds per oz.) Blooms early and long, tiny semi-double orange flowers with yellow striped petal. Heat Resistant. Much used for edging and pots. Long lasting when cut. 8 to 10 in. Trade pkt. (½ oz.), 30c; ¼ oz., \$1.50; oz., \$4.50.

Merry-Go-Round. Spire-like in appearance the cactus-like flowers are large with an unusual petal arrangement. Sharply defined bicolors, the outer petal in striking contrast to the center. A representative range of color, each petal being tipped in gold or white. Trade pkt. (¼ oz.), 70c; ⅛ oz., \$1.25; ¼ oz., \$2.00; oz., \$6.00.

Peppermint Stick Mixed. Medium size Pomila type flowers striped red and white, red and yellow, and purple and white. Attractive blooms freely produced from early until killing frost. Trade pkt. (⅛ oz.), 40c; ¼ oz., 65c; oz., \$2.20; 4 oz., \$6.60.

Persian Carpet. Full-double miniature blooms in variegated combinations of gold and silver with maroon, wine and bronze. Mound-shaped plants for bedding.
Trade pkt. (⅛ oz.), 60c; ¼ oz., \$1.00; oz., \$3.00; 4 oz., \$9.00; lb., \$27.00.

Red Riding Hood. Scarlet. Button type.

Trade pkt. (⅛ oz.), 35c; ¼ oz., 50c; oz., \$1.35; 4 oz., \$4.40.

There's

Instant Glamour

in VAUGHAN'S VEGETABLES

"INSTANT GLAMOUR" — A program to provide and promote "BEST SELLER" PLANTS wouldn't be complete without these profitable vegetables.



Resistant Golden Acre Cabbage

Similar in all respects to the well known Golden Acre variety—plus almost complete resistance to cabbage yellows. Heads are firm, compact, 6 inch diameter, round and weighing about 3 pounds when mature. Packet 20c; ½ oz. 40c; oz. 65c; ¼ lb. \$2.00; 1 lb. \$6.00.



Vaughan's

"Instant Glamour"
Vegetables selected
for their overall
excellence
and saleability.

Early Giant Hybrid Tomato

Giant fruit size and earliness are combined qualities that can only be had in hybrid techniques. Fruits are smooth, scarlet, slightly flattened globe shaped. A prolific producer.

Packet 50c; ⅓ oz., \$2.50; ⅛ oz., \$4.50; ¼ oz., \$8.50; ½ oz., \$16.00; 1 oz., \$30.00; ¼ lb., \$90.00.



Burpee's Big Boy® Tomato

Another large fruited variety developed by hybrid techniques but considerably later than Early Giant. Fruits similar to Early Giant. Vines more vigorous.

Packet 50c; ⅓ oz. \$2.50; ⅛ oz. \$4.50; ¼ oz. \$8.50; ½ oz. \$16.00; 1 oz. \$30.00; ¼ lb. \$98.00.



Yolo Wonder Pepper

The best of the California Wonder type varieties. Fruits are 4-lobed, thick-meated, deep green in color. Plants are vigorous and disease resistant.

Packet 25c; ½ oz. 60c; oz. \$1.10; ¼ lb. \$3.35; 1 lb. \$10.00.

Tiny Tim Tomato

A window box tomato. Full grown plants are only 12 inches tall and about 14 inches across, and completely loaded with small round red fruits only ¾ inch in diameter.

Pkt., 50c; ¼ oz. 95c; ½ oz. \$1.75; 1 oz. \$3.35; ¼ lb. \$10.00.



Vegetable Seeds

For Bedding Plants and Greenhouse Forcing

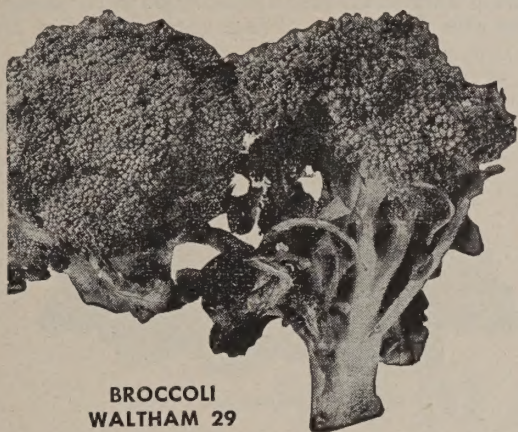
Our Specially Recommended Varieties have a Star before the Variety Name.

See Our Complete Wholesale List of Vegetables, pages 53 to 58

GREEN SPROUTING BROCCOLI

Approximately 9,000 seeds per ounce. Plants can be ready for sales about 4-5 weeks after seeding. Seeds germinate rapidly and are ready for transplanting in about 10 days. Transfer to coldframes to hold. Number of days in variety description refers to days required from planting plants in the garden to first harvest.

★ **Waltham 29.** 60 days. A very uniform heavy yielding variety with medium sized heads. The heads are small and hold for a long time before elongating for bloom. Oz., 55c; ¼ lb., \$1.65; 1 lb., \$5.00.



BROCCOLI
WALTHAM 29

De Cicco. 60 days. A good early strain. Plants are light green in color forming compact heads bluish green in color. Oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.50.

Calabrese. Oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.50.

BRUSSELS SPROUTS

Approximately 7,000 seeds per ounce. Same culture as broccoli. Does best when plants are planted in the garden in mid-June.

★ **Jade Cross.** An excellent new F1 hybrid variety. Very productive and easy to grow compared with other strains. ¼ oz., 90c; ½ oz., \$1.50; 1 oz., \$5.00; oz., \$9.75.

Long Island Improved Catskill Strain. A heavy yielding strain very uniform. Oz., 90c; ¼ lb., \$2.65; 1 lb., \$8.00.

CABBAGE

Approximately 7,000 seeds per ounce. Seeds germinate rapidly and are ready to transplant into peat pots or flats in 10 days. They are ready for sale in 5 weeks. Must be grown in cool house after transplanting.

Hybrid Variety

★ **O. S. Cross.** 75 days. The chief merits of this true F1 hybrid is its huge size, extreme vigor and high quality. We've been told by customers that some heads have weighed as much as 28 pounds. ¼ oz., 60c; ½ oz., \$1.05; oz., \$1.95; ¼ lb., \$5.85.

Yellows Resistant Varieties

All Seasons 90 days. It is used more for kraut than any other purpose, heads large, 7 inches deep. ½ oz., 35c; oz., 55c; ¼ lb., \$1.65; 1 lb., \$5.00.

Badger Market. 70 days. A round headed resistant variety of 3 to 3½ pounds in weight that is ideally suited for shipping. ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; 1 lb., \$6.00.

Bugner. 100 days. It is one of the heaviest for size of head, being firm, tender and excellent quality. 8 inches in diameter, round, flattened slightly, deep through, 7 inches, weighing 10 pounds or more. ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; 1 lb., \$6.00.

Globe. 75 days. Resistant Glory of Enkhuizen. Solid heads 6-7 inches in diameter and weighing up to 7 pounds. Holds well. Excellent flavor and texture. ½ oz., 35c; oz., 55c; ¼ lb., \$1.65; 1 lb., \$5.00.

★ **Golden Acre Resistant.** 63 days. See page 48 for picture. A very uniform strain of early round headed cabbage. The heads are firm compact with bluish outer leaves. The interior is clear white of excellent quality. ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; 1 lb., \$6.00.

Greenback. 75 days. Resistant Round Dutch-type with excellent yellows resistance and in addition resistant to bolting. A good market and shipping variety. ½ oz., 35c; oz., 55c; ¼ lb., \$1.60; 1 lb., \$4.75.

★ **Jersey Queen.** 60 days. A very uniform strain of early pointed or cone shaped cabbage bred with yellows resistance. Heads hard 7 inches tall and 5 inches wide weighing 3 pounds. ½ oz., 35c; oz., 55c; ¼ lb., \$1.60; 1 lb., \$4.75.

Yellows Resistant Varieties—Continued

Marion Market. 75 days. A resistant type of Copenhagen except a little later and coarser. Heavy producer and desired for kraut. ½ oz., 35c; oz., 55c; ¼ lb., \$1.60; 1 lb., \$4.75.

Racine Market, Wisconsin Pride. 64 days. Large, round headed, uniform cabbage with characteristic blue green color. Holds well. ½ oz., 35c; oz., 55c; ¼ lb., \$1.60; 1 lb., \$4.75.

Wisconsin Ballhead Improved. 100 days. Head 7 inches in diameter, nearly round. Solid, smooth, uniform, weighing 7 pounds, smaller and more uniform than No. 8. ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; 1 lb., \$6.00.

Wisconsin Copenhagen. 67 days. A very fine strain of Copenhagen that is resistant. ½ oz., 35c; oz., 55c; ¼ lb., \$1.60; 1 lb., \$4.75.

Wisconsin Hollander No. 8. 110 days. Heads round to flattened, dark green. 8 inches wide, 6½ inches deep and of good quality, weighing 8 pounds. ½ oz., 35c; oz., 55c; ¼ lb., \$1.60; 1 lb., \$4.75.

Standard Varieties

Bonanza. 75 days. An almost round very firm head about 6½ inches in diameter. Very slow to bolt. ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; 1 lb., \$6.00.

Charleston Wakefield. 73 days. Heads pointed or bluntly so, heart shaped, 7½ inches long, 7 inches wide, 4½ pounds in weight. ½ oz., 30c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.00.

Copenhagen Market Select. 67 days. Desirable for early market home garden or kraut. Head round, 7 inches in diameter, weighing 4 pounds. ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.50.

Danish Ballhead, Short Stem or Dwarf Amagar. 105 days. Used for shipping, storage and Kraut. Heads round, 7 to 8 inches in diameter, very firm, smooth, solid, weighing 8 pounds. Interior very closely packed, exceptional quality. ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.50.

Early Flat Dutch. (Steins). 75 days. Head 7 inches wide, 6 inches deep, weighing 4-5 pounds; medium green color, good keeper. ½ oz., 30c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$3.25.

Early Jersey Wakefield. 61 days. Like Jersey Queen but not yellows resistant. ½ oz., 30c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$3.25.

Golden Acre Select. 63 days. An early round head 6 inches in diameter and weighing 3 pounds; very firm. ½ oz., 35c; oz., 55c; ¼ lb., \$1.65; 1 lb., \$5.00.

Premium Flat Dutch. 110 days. 12 inches wide, 7 inches deep, weight 12 pounds. One of the largest flat heads and an excellent grower anywhere. ½ oz., 30c; oz., 40c; ¼ lb., \$1.10; 1 lb., \$3.25.

Succession (Hendersons Strain). 88 days. A dependable variety for late summer and fall crop with good quality. Heads large flat and solid. ½ oz., 30c; oz., 45c; ¼ lb., \$1.40; 1 lb., \$4.00.

Savoy Variety

Chiefton. 90 days. The best strain we have had. 7 inches across, 6 inches deep, weighing 5 pounds. Extremely savoyed leaf with a hard head. ½ oz., 35c; oz., 55c; ¼ lb., \$1.65; 1 lb., \$5.00.

Red Varieties

Early Red Acre. (Early Red). 90 days. The earliest red cabbage, very uniform in color, size and maturity. ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.50.

Mammoth Rock Red. 100 days. The darkest red strain throughout of any. 7 inches across, 6 inches deep, very dark, weighing 6½ pounds. ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$4.50.

Red Wisconsin Resistant. 100 days. Same as Mammoth Rock Red except it has been bred for yellows resistance. ½ oz., 45c; oz., 80c; ¼ lb., \$2.40; 1 lb., \$7.00.

Chinese Cabbage

Michihli. 70 days. Improved Strain of Chihli uniform size and heading ability heads 15-18 inches tall, 4-5 inches thick tapering. Very fine table quality. oz., 30c; ¼ lb., 80c; 1 lb., \$2.50.

Paoting or Wong Bok. 80 days. Heads short, flattened ends, 9 to 10 inches tall. oz., 30c; ¼ lb., 65c; 1 lb., \$1.90.

Nagoa Spring (Hybrid). 75 days. Easily grown as a spring crop, and can be planted earlier in the summer for a fall crop. Heads resemble Wong-Bok but store better. Pkt., 50c; ½ oz., 80c; oz., \$1.50; ¼ lb., \$4.50.

CAULIFLOWER

Approximately 7,000 seeds per ounce. Culture for bedding plants same as for cabbage. Your customers will be better satisfied if you sell cauliflower plants in peat pots because it insures unchecked growth.



CAULIFLOWER IDEAL.

compact, pure white, a most sure header. $\frac{1}{4}$ oz., 85c; $\frac{1}{2}$ oz., \$1.60; oz., \$3.00; $\frac{1}{4}$ lb., \$9.25.

Purple Head. 60 days. Very much like New Snowball except heads are purple. $\frac{1}{4}$ oz., 95c; $\frac{1}{2}$ oz., \$1.57; oz., \$3.25.

★**Super Select Snowball.** 55 days. An early very uniform variety, all heading within a few days. Heads average 6 in. in diameter with excellent white color, a fine texture, and weigh about 2 pounds. $\frac{1}{4}$ oz., 95c; $\frac{1}{2}$ oz., \$1.75; oz., \$3.25; $\frac{1}{4}$ lb., \$9.75.

★**Ideal.** 60 days. An all America Bronze Medal Winner of 1949. Tends to head very well even under adverse conditions. $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.90; oz., \$3.50; $\frac{1}{4}$ lb., \$10.00.

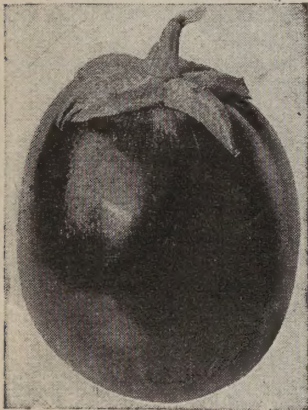
New Snowball. (Main-crop). 60 days. Weight 2 pounds, firm, com-

CUCUMBER

Some markets are readily accepting cucumber plants in peat pots. They are easy to start. Just plant 2 seeds directly in a peat pot and thin to 1 plant after stand is established. Plants are ready for sale in 4 weeks. For complete list of varieties see page 55.

EGG PLANT

About 6,000 seeds per ounce. Sow seed 7-8 weeks before early plant sales begin. Ready for transplanting to peat pots 14-20 days after seeding. Require warm house.



★**Vaughan's Hybrid.** 80 days. An F1 Hybrid of Black Beauty type. The plants are more vigorous, productive and fruits are somewhat larger. Dark purple and excellent quality. $\frac{1}{4}$ oz., \$1.50; $\frac{1}{2}$ oz., \$2.85; oz., \$5.50; $\frac{1}{4}$ lb., \$16.75.

★**Black Beauty.** 80 days. The standard variety for broad fruits. Widely grown because of its excellent quality and flavor. Plants are 24-30 inches tall producing smooth, dark purple, oval to deep globe shaped fruits. $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 65c; oz., \$1.15; $\frac{1}{4}$ lb., \$3.35; lb., \$10.00.

Fort Myers Market (Florida High Bush). 83 days. Plants are tall carrying the fruits well off the ground. Fruits are long oval, and very dark purple. $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 65c; oz., \$1.15; $\frac{1}{4}$ lb., \$3.35; 1 lb., \$10.00.

New York Purple. 83 days. Plants spineless bearing 4-5 dark purple, broad oval fruits. Fruits somewhat more elongated than Black Beauty. $\frac{1}{4}$ oz., 40c; $\frac{1}{2}$ oz., 65c; oz., \$1.15; $\frac{1}{4}$ lb., \$3.35; 1 lb., \$10.00.

HERBS

During the past four or five years herbs have become more popular and to keep our customers with items to sell we have increased our listings. Most of the herbs are easily and economically grown. There is a nice profit growing and selling them in $2\frac{1}{4}$ or 3 inch peat pots. See page 55 for complete list of varieties.

LETTUCE

There is a limited market for lettuce plant sales. A few of our customers do sell lots of lettuce plants.

For greenhouse forcing our Grand Rapids Forcing and our Bibb strains are unsurpassed. See the complete listing of Lettuces on page 56.

MELONS

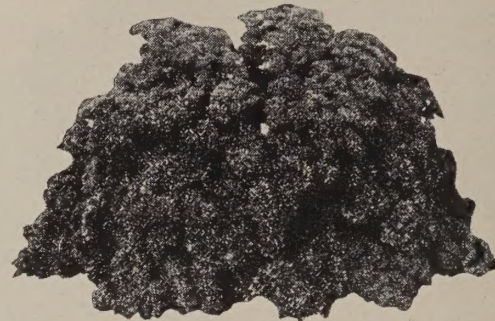
The culture for plants is the same as for cucumbers. Plant sales of Super Market Hybrid Cantaloupe, Tri X 317 Seedless Hybrid and Dixie Queen Hybrid Watermelons are real profit makers. You will have germination problems with Tri X 317 but its worth the effort. For complete listings of Cantaloupe see page 54, for Watermelon see page 54 and 58.

ONIONS

Some of our customers have made nice profits selling onion plants in flats. They seed 7-10 seeds per inch of row in flats in rows $1\frac{1}{2}$ -2 inches apart about 6 weeks before offering the plants for sale. Short daylength varieties like Bermuda and Hybrid Sweet Spanish have been good sellers. See the complete listing of Onion Varieties on page 56.

PARSLEY

Approximately 10,000 seeds per ounce. Parsley plants in peat pots are a natural for plant sales. Seed 9-10 weeks before offering plants for sale. Transplant to peat pots 15-21 days after seeding.



PARSLEY VAUGHAN'S XXX

Vaughan's XXX. The finest possible strain of triple curled parsley. Plants compact, dark green, with exceedingly fine cut and finely curled leaves. Oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.00.

Champion Moss Curled. 70 days. Plant compact, dark green, exceedingly fine cut, dense. Oz., 30c; $\frac{1}{4}$ lb., 80c; 1 lb., \$2.25.

Plain Regular. 72 days. Leaves bright green, deeply cut, flat, not curled, stem small, solid. Oz., 30c; $\frac{1}{4}$ lb., 80c; 1 lb., \$2.25.

Italian Giant Plain Celery Leaved. Leaves are larger and darker green than regular Plain Parsley. Oz., 30c; $\frac{1}{4}$ lb., 95c; 1 lb., \$2.85.

Hamburg Rooted. 90 days. Root 8 to 10 inches long, parsnip like, used for flavoring. Leaves plain, deeply cut, stem hollow, twinged with purple. Oz., 30c; $\frac{1}{4}$ lb., 80c; 1 lb., \$2.25.

PEPPERS

Approximately 4,500 seeds per ounce. Seed 6-7 weeks before offering plants for sale. Transplant 10-15 days after seeding. Germinate seed warm. Peppers are very popular for plant sales.

All Big (Illinois F-5). 65 days. Early maturing general purpose variety for market and home garden. Fruits pendant dark green 3 and 4 lobes, walls medium thick. $\frac{1}{2}$ oz., 65c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.60; 1 lb., \$10.75.

California Wonder. 75 days. A fine variety with sweet fruits. $4\frac{1}{2}$ inches long and $3\frac{1}{2}$ inches in diameter. Fruits are dark green changing to scarlet when mature. The flesh is thick, and the flavor excellent. $\frac{1}{2}$ oz., 55c; oz., 95c; $\frac{1}{4}$ lb., \$2.75; lb., \$8.25.

Early California Wonder. 70 days. All the fruit and plant characteristics are the same as California Wonder and Yolo Wonder, but the variety seems to set fruits earlier in more fertile soils than either of the others. $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$2.95; lb., \$8.75.

Cayenne, Long Red. 70 days. Plant productive, large fruit, 5 by $\frac{3}{4}$ inch, pendant, tapering, deep green, changing to red. Hot. $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; 1 lb., \$9.00.

Golden California Wonder. 80 days. The same as California Wonder except peppers are a bright gold changing to orange red when mature. A very fine flavor and color. $\frac{1}{2}$ oz., 65c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.50; 1 lb., \$10.50.

Hungarian Hot. 65 days. Plant medium tall and very prolific, having as many as 16 full size fruits, 7 by $1\frac{1}{2}$ inches at shoulder, tapering to a straight point. Pale yellow green, changing to deep crimson. $\frac{1}{2}$ oz., 65c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.50; 1 lb., \$10.50.

Hungarian Sweet. (Sweet Banana). Same as Hot, but sweet. (See picture on next page). $\frac{1}{2}$ oz., 65c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.50; 1 lb., \$10.50.

King of the North, Ruby King. 68 days. Erect, prolific plants, fruit 5 by 3 inches, 3-lobed, tapered, smooth, deep green turning deep red. Sweet. $\frac{1}{2}$ oz., 60c; oz., \$1.05; $\frac{1}{4}$ lb., \$3.10; 1 lb., \$9.25.

Pimento Perfection. 73 days. Plant erect, large prolific, fruit $3\frac{1}{2}$ by $2\frac{1}{2}$ inches, top shape, heavy walls, smooth, pendant, dark green turning to bright crimson. Sweet. $\frac{1}{2}$ oz., 60c; oz., \$1.05; $\frac{1}{4}$ lb., \$3.15; 1 lb., \$9.50.

(Pepper descriptions continued on next page).

PEPPERS—Continued

Roumanian Block Type Mild. 65 days. The Semi sweet, blocky, waxy yellow peppers make this a popular variety. The fruits are 4½ inches long and 3 inches in diameter. Only a small portion of the fruit around the seed has hotness. ½ oz., \$1.30; oz., \$2.50; ¼ lb., \$7.50.

Roumanian Block Type Sweet. 65 days. Same as Roumanian Block Type Mild but sweet. ¼ oz., 70c; ½ oz., \$1.30; oz., \$2.50; ¼ lb., \$7.50.

Small Red Chili. 82 days. Plant low, spreading, productive. Fruits erect, conical, very hot; color light green, changing to bright red. Used in making pepper sauce. ½ oz., 60c; oz., \$1.10; ¼ lb., \$3.35; 1 lb., \$10.00.

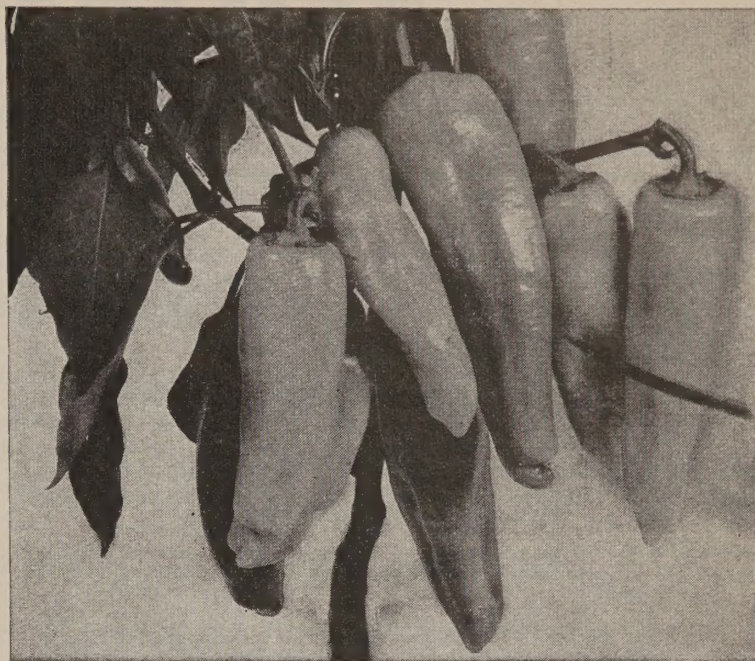
Sunnybrook Pimento. 73 days. Sweet, rather tall plant, prolific, fruit 2½ by 2¾ inches, called a squash pepper or tomato pepper due to shape, deep green turning to deep red. ½ oz., 75c; oz., \$1.40; ¼ lb., \$4.20 1 lb., \$12.50.

Wisconsin Lakes. 65 days. This variety has outyielded California Wonder in Wisconsin consistently. The plants are 18 to 21 inches tall, the fruits are upright and medium to large, thick fleshed. ½ oz., 80c; oz., \$1.45; ¼ lb., \$4.30; 1 lb., \$12.95.

World Beater, Magnum Dulce. 75 days. Sweet, vigorous, upright, prolific fruit 5 by 3½ inches, mostly 4-lobed, smooth. ½ oz., 55c; oz., \$1.00; ¼ lb., \$2.95; 1 lb., \$8.75.

Yolo Wonder. 70 days. (See page 44 for color picture). By far the best strain of **California Wonder**. ½ oz., 60c; oz., \$1.10; ¼ lb., \$3.35; 1 lb., \$10.00.

**Instant
Glamour**



PEPPER HUNGARIAN OR BANANA SWEET

TOMATOES

GREENHOUSE FORCING VARIETIES

Tuckcross O. The largest red fruited variety we've seen suitable for forcing. Fruits set well under adverse conditions. Plants are very productive and quite disease resistant. ⅙ oz., \$3.00; ⅛ oz., \$5.50; ¼ oz., \$9.50; ½ oz., \$18.50; oz., \$35.00.

Tuckcross W. A very productive red fruited variety used because it is relatively free from cracking, blotchy-ripening and catfacing. Sets well under adverse conditions. ⅙ oz., \$3.00; ⅛ oz., \$5.50; ¼ oz., \$9.50; ½ oz., \$18.50; oz., \$35.00.

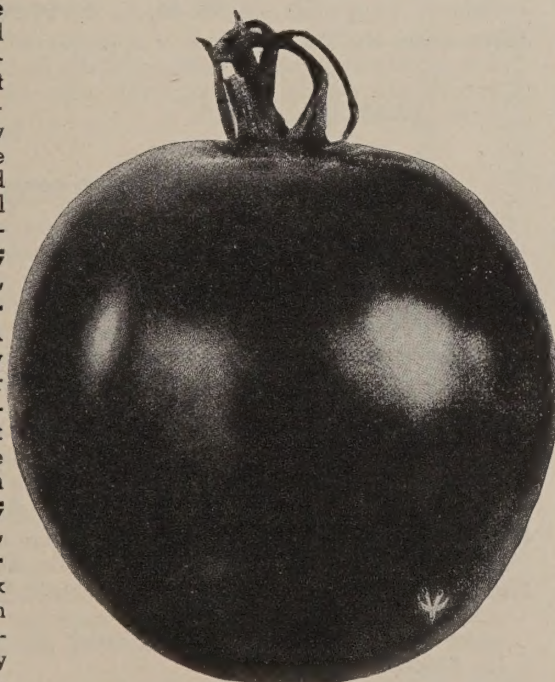
M-O Hybrid. All reports indicate that this cross between Michigan State forcing and Ohio WR-3 is one of the surest croppers for forcing. It's worth a try. ⅙ oz., \$3.00; ⅛ oz., \$5.50; ¼ oz., \$9.50; ½ oz., \$18.50; oz., \$35.00.

Michigan State Forcing. A red fruited disease resistant strain that performs exceptionally well in cloudy weather. Fruits are about 5 ounces and maintain size well throughout the season. ⅙ oz., \$1.50; ¼ oz., \$2.50; ½ oz., \$4.50; oz., \$8.50.

Waltham Forcing. A red fruited variety suitable for fall or spring forcing. Selected because it maintains fruit size well past the 4th hand. ⅙ oz., 85c; ¼ oz., \$1.50; ½ oz., \$2.75; oz., \$5.00.

Ohio WR-3. A pink fruited very smooth flattened globe variety developed by Ohio State Experiment Station for spring forcing. Fruit size excellent and disease resistance good. ⅙ oz., \$1.50; ¼ oz., \$2.50; ½ oz., \$4.50; oz., \$8.50.

Ohio WR-7. A very smooth fruited flattened globe variety developed by Ohio State Experiment Station for fall forcing. ⅙ oz., \$1.50; ¼ oz., \$2.50; ½ oz., \$4.50; oz., \$8.50.



TOMATO MICHIGAN STATE FORCING

Approximately 9000 seeds per ounce. Sow seed 6-8 weeks before offering plants for sale. Transplant 14-21 days after seeding.

Hybrid tomatoes grown and sold in peat pots are very profitable. Selling any variety of tomato in peat pots leads to your customers satisfaction. Roots grow right through the walls; and, unless completely dried out before your customer plants pot and all, they start growing as though they'd never been transplanted.

HYBRID TOMATOES

Early Giant Hybrid. 68 days. See page 44 for color picture. This is by far the earliest of any variety with giant sized fruits (up to 12 ounces per fruit). Smooth slightly flattened globe shaped scarlet fruits. Vines strong and very prolific, ⅙ oz., \$2.50; ⅛ oz., \$4.50; ¼ oz., \$8.50; ½ oz., \$16.00; oz., \$30.00; ¼ lb., \$90.00.

Vaughan's Hybrid. 80 days. A midseason red fruited variety. Very productive. Fruits somewhat flattened, smooth with excellent flavor. Considered to be an excellent hybrid of Rutgers type. ⅙ oz., \$1.65; ¼ oz., \$3.00; ½ oz., \$5.50; oz., \$10.00; ¼ lb., \$30.00.

Super Colossal. 85 days. The largest fruited variety in our trials for the past two years. The fruits are flat somewhat rough but larger and smoother than Beefsteak and red. Ripens in season with Burpees Big Boy but larger fruits. ⅙ oz., \$2.50; ⅛ oz., \$4.50; ¼ oz., \$8.50; ½ oz., \$16.00; oz., \$30.00.

Vaughan's Early Hybrid. 68 days. A very fine early hybrid tomato adapted to either market or home gardening. Fruits are large (6-7 ounces) bright red and borne in great numbers. The variety shows all the true vigor of a true F-1 hybrid. ⅙ oz., \$1.65; ¼ oz., \$3.00; ½ oz., \$5.50; oz., \$10.00; ¼ lb., \$30.00.

Burpees Big Boy. 80 days. Another hybrid with large (up to 12 ounces) smooth bright red fruits. Plants very vigorous and covered with heavy foliage. At least 10 days to 2 weeks later than Early Giant. ⅙ oz., \$2.50; ⅛ oz., \$4.50; ¼ oz., \$8.50; ½ oz., \$16.00; oz., \$30.00; ¼ lb., \$98.00.

Wonder Boy. 80 days. Large 12 oz. fruits almost globe shaped are borne on very vigorous vines and are well protected by heavy foliage. As a late variety bearing smooth excellent flavored scarlet red fruits it's hard to beat. ⅙ oz., \$2.50; ⅛ oz., \$4.50; ¼ oz., \$8.50; ½ oz., \$16.00; oz., \$30.00; ¼ lb., \$90.00.

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TOMATOES—Continued

STANDARD VARIETIES

Bonny Best, John Baer. 70 days. A second early variety, with flattened globe shaped fruits. Vines are medium size. Used for home and market gardening. $\frac{1}{2}$ oz., 55c; oz., 95c; $\frac{1}{4}$ lb., \$2.90; 1 lb., \$8.75.

Bounty, Victor. 65 days. Plants small size, very prolific. Fruits medium large, round to globe shape, pale green in the early stage turning to a very rich red throughout, coloring well on the inside. An excellent home garden type. $\frac{1}{2}$ oz., 60c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.25; 1 lb., \$8.75.

Break O'Day. 70 days. Open, spreading growth, prolific, fruit red, medium size, globe shaped, smooth. $\frac{1}{2}$ oz., 60c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.35; 1 lb., \$10.00.

Crimson Cushion (Beefsteak) (Red Ponderosa). 96 days. A large wilt resistant variety, fruit red, large flat, scarlet fairly smooth. $\frac{1}{2}$ oz., 70c; oz., \$1.30; $\frac{1}{4}$ lb., \$3.85; 1 lb., \$11.50.

Dwarf Stone. 92 days. Tree form, short compact, fruit red, medium large flat, bright color, solid. $\frac{1}{2}$ oz., 60c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.35; 1 lb., \$10.00.

Earliana. 66 days. Plant open spreading, finely cut leaves, fruit red flattened, medium size, fairly smooth, the first early general purpose tomato. $\frac{1}{2}$ oz., 60c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.35; 1 lb., \$10.00.

★**Fireball.** 60 days. A small vined extra early variety with very little foliage so it should be planted about 12-14 inches apart in 3-foot rows. Fruits globe shaped medium sized (5 ounces), red. $\frac{1}{2}$ oz., \$1.00; oz., \$1.90; $\frac{1}{4}$ lb., \$5.75; 1 lb., \$17.25.

Firesteel. 68 days. Medium small vine, adapted to drouth conditions and sure cropper, fruit red, medium size, medium green turning to deep red, smooth and free from cracks. $\frac{1}{2}$ oz., 70c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.60; 1 lb., \$10.75.

Garden State. 83 days. Very prolific, bearing deep scarlet red fruit that are extra smooth and solid. $\frac{1}{2}$ oz., 60c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.35; 1 lb., \$10.00.

Giant Tree. 88 days. This almost should be classed as a novelty. Actually a very fine selection of Italian Potato Leaved. Vines very strong thick stemmed and vigorous. Fruits large (up to 16 ounces) fairly smooth, pink, low in acid. $\frac{1}{2}$ oz., \$2.10; oz., \$4.00; $\frac{1}{4}$ lb., \$12.00; lb., \$35.00.

★**Glamour.** 80 days. Crack resistance is the outstanding characteristic of this variety. Fruits are almost globe shaped, red when fully ripe, but ripen slowly. $\frac{1}{2}$ oz., 70c; oz., \$1.30; $\frac{1}{4}$ lb., \$3.85; 1 lb., \$11.50.

Hystep F-2. 60 days. The best second generation hybrid we've had in our trials. Crack resistant, early, productive. Vines small but enough leaf cover to protect fruits from sunscald. $\frac{1}{2}$ oz., \$1.45; oz., \$2.80; $\frac{1}{4}$ lb., \$8.35; lb., \$25.00.

Manalee. 77 days. An early red disease resistant red from Gulf Coast Experiment Station. $\frac{1}{2}$ oz., 55c; oz., 95c; $\frac{1}{4}$ lb., \$2.90; 1 lb., \$8.75.

Manalucie. 82 days. A fine disease resistant variety bred by Dr. James M. Walter and David G. A. Kelbert of the Gulf Coast Experiment Station in Bradenton, Florida. Manalucie is resistant to early blight, blossom-end rot, cracking, wilt and other diseases. $\frac{1}{2}$ oz., 65c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.60; 1 lb., \$10.75.

★**Marglobe.** 77 days. Plant vigorous, heavy foliage, resistant to blight, fruit red, medium large semi-globe, smooth, solid. $\frac{1}{2}$ oz., 55c; oz., 95c; $\frac{1}{4}$ lb., \$2.90; 1 lb., \$8.75.

Oxheart. 90 days. Heavy coarse plant, with large fruits heart shape, pink, solid with few seeds. $\frac{1}{2}$ oz., \$1.00; oz., \$1.85; $\frac{1}{4}$ lb., \$5.50; 1 lb., \$16.50.

★**Pink Shipper.** 77 days. The best we've seen in the June Pink, Gulf State Market class. It still cracks easily but not as bad as others. $\frac{1}{2}$ oz., 70c; oz., \$1.30; $\frac{1}{4}$ lb., \$3.85; 1 lb., \$11.50.

Ponderosa Pink. 95 days. Large flat, roughened, small seed cells. $\frac{1}{2}$ oz., 60c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.25; 1 lb., \$9.75.

Pritchard (Scarlet Topper). 76 days. Self topping, resistant to fusarium and nail head, fruit red with thick walls semi-globe. $\frac{1}{2}$ oz., 60c; oz., \$1.05; $\frac{1}{4}$ lb., \$3.15; 1 lb., \$9.50.

Queens. 79 days. The result of a cross between Valiant and Rutgers. Fruits are smooth and of deep globe shape. The peak of the crop is harvested about a week earlier than Rutgers. $\frac{1}{2}$ oz., 60c; oz., \$1.05; $\frac{1}{4}$ lb., \$3.20; 1 lb., \$9.65.

Richmeat. 90 days. A large fruited Henderson variety with extremely vigorous vine growth. Flesh a little mealy and non-acid but heavily loaded with vitamins. $\frac{1}{4}$ oz., 80c; $\frac{1}{2}$ oz., \$1.45; oz., \$2.80; $\frac{1}{4}$ lb., \$8.35; 1 lb., \$25.00.

STANDARD VARIETIES (Continued)



TOMATO RUTGERS

oz., \$1.10; $\frac{1}{4}$ lb., \$3.35; 1 lb., \$10.00.

Stone Improved. 85 days. Plants are large and the fruit a deep scarlet red. $\frac{1}{2}$ oz., 60c; oz., \$1.05; $\frac{1}{4}$ lb., \$3.15; 1 lb., \$9.50.

Valiant. 70 days. A deep Marglobe type of tomato, having large, smooth, red fruits, with few seeds and firm solid flesh. Excellent for home or market garden. $\frac{1}{2}$ oz., 60c; oz., \$1.10; $\frac{1}{4}$ lb., \$3.35; 1 lb., \$10.00.

Winsall. 90 days. A Henderson selection of Ponderosa Pink. Earlier and with much smoother pink fruits. We think the flavor is better. $\frac{1}{4}$ oz., 80c; $\frac{1}{2}$ oz., \$1.45; oz., \$2.80; $\frac{1}{4}$ lb., \$8.35; 1 lb., \$25.00.

Wiltmaster. 86 days. A new variety with great resistance to wilt bred by the Delaware Exp. Sta. The fruit are similar in type to Rutgers. $\frac{1}{2}$ oz., 75c; oz., \$1.40; $\frac{1}{4}$ lb., \$4.10; 1 lb., \$12.50.

Wisconsin No. 55. 83 days. It is larger and earlier than Rutgers with no shoulder cracks and practically no blossom end rot. Ripens evenly and stands shipping very well. $\frac{1}{2}$ oz., 65c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.60; 1 lb., \$10.75.

NOVELTY VARIETIES

Instant Glamour

Tiny Tim. 45 days. Plants not over 12 inches (usually 8-10) tall or 12 inches in diameter. Fruits about 1 inch round, bright red and very colorful on the vines. Decorative and very flavorful. $\frac{1}{2}$ oz., \$1.75; oz., \$3.35; $\frac{1}{4}$ lb., \$10.00; lb., \$30.00.

Caro-Red. 85 days. Developed by Purdue University for extremely high Vitamin A content. Fruits yellow, a little mealy but with lots of vitamin A. $\frac{1}{2}$ oz., \$1.00; oz., \$1.85; $\frac{1}{4}$ lb., \$5.50; 1 lb., \$16.50.

Jubilee. 80 days. The yellow skinned fruits are large smooth globes, borne on vigorous vines which can be staked and pruned. $\frac{1}{2}$ oz., 65c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.60; 1 lb., \$10.75.

Ponderosa Yellow. 95 days. Same as regular, only color yellow. $\frac{1}{2}$ oz., 85c; oz., \$1.55; $\frac{1}{4}$ lb., \$4.60; 1 lb., \$13.75.

Italian Canner. A thick meaty 2 celled red variety; fruits about 2-2½ inches long and 1 inch in diameter. Excellent for tomato paste or green pickling. $\frac{1}{2}$ oz., 90c; oz., \$1.70; $\frac{1}{4}$ lb., \$5.00; lb., \$15.00.

White Beauty. Purely a novelty—fruits shaped like Rutgers only white interior and exterior when ripe. $\frac{1}{2}$ oz., 90c; oz., \$1.70; $\frac{1}{4}$ lb., \$5.00; lb., \$15.00.

Small Fruited Varieties. All 70 days. Available are **Red and Yellow Cherry**, **Red and Yellow Plum**, **Red and Yellow Pear**, **Yellow Peach** and **Ground Cherry**. All priced as follows: $\frac{1}{4}$ oz., 45c; $\frac{1}{2}$ oz., 80c; oz., \$1.45; $\frac{1}{4}$ lb., \$4.35.

COMPLETE WHOLESALE LIST OF Market Gardeners Varieties OF Vegetables

Every lot of seed we offer for sale has been tested for germination in our laboratory just prior to shipment. Every variety we offer has been grown in our trials in advance of offering that variety for sale. Our seed growers operate in the localities most favorable for disease free and problem free seed crops. All of these factors enable us to assure you that you are obtaining the very best seed when you buy from Vaughan's.

ARTICHOKE

Plant 1 oz. for 500 plants.

	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.	1 lb.
Green Globe	\$0.55	\$1.00	\$3.00	\$9.00

ASPARAGUS SEED

Plant 1 oz. for 800 plants.

	Oz.	$\frac{1}{4}$ lb.	1 lb.
Mary Washington	\$0.30	\$0.85	\$2.50
Paradise	.35	1.00	3.00

ASPARAGUS ROOTS

One Plant every 18 inches in rows 4 feet apart.

	100 for	500 for	1000 for
Mary Washington. 2 Year Old	\$4.30	\$18.00	\$33.50

BEANS

One pound seeds 150 foot of row. 60-75 pounds per acre. Distance between rows should be 24 to 28 in., while in the row they may be as close as 4 to 6 in. Planting should not be made till the ground has warmed and all danger of frost is over. Pole beans are seeded at $\frac{1}{2}$ lb. for 150 foot of row and 35 lbs. per acre.

Green Pod Bush Varieties

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Black Valentine Stringless	\$0.65	\$0.55	\$0.45	\$0.32
Bountiful Stringless	.65	.55	.45	.32
Commodore	.80	.70	.60	.50
Contender	.65	.55	.45	.32
Dwarf Horticultural	.75	.65	.55	.45
French Horticultural	.75	.65	.55	.45
Garden Green	.75	.65	.55	.45
Giant Stringless	.65	.55	.45	.32
Landreths Stringless	.60	.50	.40	.30
Pearlgreen	.80	.70	.60	.50
Seminole	.70	.60	.50	.37
Streamliner	.85	.75	.65	.55
Tendercrop	.85	.75	.65	.55
Tendergreen	.65	.55	.45	.35
Topcrop	.65	.55	.45	.35
Wade	.70	.60	.50	.40

Wax Pod Bush Varieties

	\$0.65	\$0.55	\$0.45	\$0.33
Cherokee Wax				
Choctaw Wax	.70	.60	.50	.40
Golden Wax (Top Notch)	.75	.65	.55	.42
Kinghorn Wax	.75	.65	.55	.42
Pencil Pod Black Wax	.65	.55	.45	.35
Sure Crop Bountiful Wax	.65	.55	.45	.35

Bush Lima Varieties

	\$0.70	\$0.60	\$0.50	\$0.37
Baby Forkhook				
Burpee's Improved Bush Lima	.75	.65	.55	.42
Cangreen	.60	.50	.40	.28
Fordhook 242	.70	.60	.50	.37
Fordhook Bush Lima	.70	.60	.50	.37
Henderson Baby Lima	.60	.50	.40	.28
Jackson Wonder	.60	.50	.40	.28
Triumph	.70	.60	.50	.37

BEANS (Continued)

Pole Lima Varieties

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
King of the Garden	\$0.70	\$0.60	\$0.50	\$0.40
Large Speckled (Xmas)	.70	.60	.50	.40

Field Varieties

	\$0.70	\$0.60	\$0.50	\$0.37
Broad Windsor Long Pod				
Great Northern	.60	.50	.40	.30
Michigan Navy, Michelite	.65	.55	.45	.35
Red Kidney	.75	.65	.55	.42
White Kidney	.75	.65	.55	.42

Pole Varieties

	\$0.90	\$0.80	\$0.70	\$0.57
Blue Coco				
Horticultural Cranberry	.70	.60	.50	.37
Kentucky Wonder or Old Home- stead	.60	.50	.40	.30
Kentucky Wonder Wax	.90	.80	.70	.57
Kentucky Wonder White Seed	.70	.60	.50	.37
Missouri Wonder	.65	.55	.45	.35
Scarlet Runner	.80	.70	.60	.50
Yardlong	1.20	1.10	1.00	.90

Edible Soybean

	\$0.65	\$0.55	\$0.45	\$0.35
Bansei				

BEETS

Plant 2 oz. per 150 foot of row, 7 pounds per acre in rows 18-24 inches apart. Thin red beets to 1 inch apart and Mangels, sugar beets, and swiss chard to 6 inches apart in the row.

Garden Varieties

	Oz.	$\frac{1}{4}$ lb.	1 lb.	5 lbs. per lb.
Crosby's Egyptian	\$0.30	\$0.55	\$1.60	\$1.35
Detroit Dark Red	.30	.55	1.60	1.35
Perfected Detroit	.30	.60	1.75	1.50
Early Flat Egyptian	.30	.55	1.60	1.35
Early Wonder Special Green Top	.30	.60	1.75	1.50
Ruby Queen	.30	.85	2.50	2.25
Winter Keeper (Long Season)	.30	.70	2.00	1.75

MANGELS

		\$0.45	\$1.40	\$1.15
Golden Tankard	—			
Mammoth Long Red	—	.40	1.25	1.00

SUGAR BEETS

		\$0.40	\$1.25	\$1.00
Klein's Wanzleben	—			

SWISS CHARDS

	\$0.30	\$0.55	\$1.60	\$1.35
Dark Smooth. Broad White rib				
Giant Fordhook	.30	.55	1.60	1.35
Lucullus	.30	.55	1.60	1.35
Rhubarb	.30	.80	2.50	2.25

GREEN SPROUTING BROCCOLI

If seeded direct in the field plant 1½ pounds per acre in rows 30-36 inches apart. Thin so plants are 18-24 inches apart in the rows. See descriptions page 49.

	½ oz.	Oz.	¼ lb.	1 lb.
DeCicco (Earliest to mature).....	\$0.30	\$0.50	\$1.50	\$4.50
Italian Calabrese	.30	.50	1.50	4.50
Waltham 29	.35	.55	1.65	5.00

BRUSSELS SPROUTS

Planting instructions same as for Broccoli. See page 49 for descriptions.

	¼ oz.	½ oz.	Oz.	¼ lb.	1 lb.
Jade Cross	\$2.75	\$5.00	\$9.75	—	—
Long Island Improved (Catskill Strain).....	.50	.90	2.65	8.00	

CABBAGE

1½ lbs. of seed per acre for direct seeding. Rows should be 30 inches apart with early varieties 16-20 inches apart in the row and late varieties 20-26 inches apart. See descriptions page 49.

Hybrid Variety

	¼ oz.	½ oz.	Oz.	¼ lb.
O.-S. Cross	\$0.60	\$1.05	\$1.95	\$5.85

Yellow Resistant Varieties

	½ oz.	Oz.	¼ lb.	1 lb.
All Seasons Improved	\$0.35	\$0.55	\$1.65	\$5.00
Badger Market	.40	.65	2.00	6.00
Bugner	.40	.65	2.00	6.00
Globe	.35	.55	1.65	5.00
Golden Acre Resistant	.40	.65	2.00	6.00
Greenback	.35	.55	1.60	4.75
Jersey Queen	.35	.55	1.60	4.75
Marion Market	.35	.55	1.60	4.75
Racine Market (Wisconsin Pride)	.35	.55	1.60	4.75
Wisconsin Ballhead	.40	.65	2.00	6.00
Wisconsin No. 8	.35	.55	1.60	4.75
Wisconsin Copenhagen	.35	.55	1.60	4.75

Standard Varieties

	½ oz.	Oz.	¼ lb.	1 lb.
Bonanza	\$0.40	\$0.65	\$2.00	\$6.00
Charleston Wakefield	—	.40	1.00	3.00
Copenhagen Market Select	.30	.50	1.50	4.50
Danish Ballhead Select	.30	.50	1.50	4.50
Early Flat Dutch Steins	—	.40	1.10	3.25
Early Jersey Wakefield	—	.40	1.10	3.25
Golden Acre Select	.35	.55	1.65	5.00
Premium (Late) Flat Dutch	—	.40	1.10	3.25
Succession (Henderson Strain)	.30	.45	1.40	4.00

Red Varieties

	½ oz.	Oz.	¼ lb.	1 lb.
Mammoth Rock Red Long Island	\$0.30	\$0.50	\$1.50	\$4.50
Red Acre (Early)	.30	.50	1.50	4.50
Wisconsin Red, Yellows Resistant	.45	.80	2.40	7.00

Savoy Variety

	½ oz.	Oz.	¼ lb.	1 lb.
Chiefton	\$0.35	\$0.55	\$1.65	\$5.00

CHINESE CABBAGE

	½ oz.	Oz.	¼ lb.	1 lb.
Michihli (Improved Chihli)	—	\$0.30	\$0.85	\$2.50
Wong Bok (Paoting)	—	.30	.65	1.90
Nagoa Spring Hybrid	.80	1.50	4.50	13.50

CANTALOUPE

An ounce of seed will plant 100 hills. 2½ lbs. per acre. Rows should be about 6 foot apart. Hills 4 foot apart in the row.

Hybrid Variety

	¼ oz.	½ oz.	Oz.	1 lb.
Super Market	\$2.50	\$4.50	\$8.50	\$16.50

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Banana	\$0.30	\$0.90	\$2.75	\$2.50
Extra Early Hackensack. Best strain.	.30	.85	2.50	2.25
Hale's Best Jumbo Strain	.30	.85	2.50	2.25
Hearts of Gold or Improved Hoodoo	.30	.85	2.50	2.25
Honey Dew	.30	.85	2.50	2.25
Honey Rock	.30	.85	2.50	2.25

CANTALOUPE—Continued

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Iroquois	\$0.30	\$0.85	\$2.50	\$2.25
Milwaukee Market	.30	.85	2.50	2.25
Penn Sweet	.35	1.10	3.25	3.00
Pride of Wisconsin	.30	.85	2.50	2.25
Rocky Ford. Green Flesh	.30	.85	2.50	2.25
Schoon's Hardshell (Early Bender)	.30	.85	2.50	2.25

CARDOON

Plant seeds early in greenhouse; transplant into rows 36 inches apart and 12 inches apart in the row. 1 ounce for 100 foot of row.

	½ oz.	Oz.	¼ lb.	1 lb.
Large Smooth Leaf	\$0.50	\$0.85	\$2.50	\$7.50

CARROT

One ounce will plant 300 foot of row. 1½-2½ lbs. per acre. Seed direct in rows 12 to 18 inches apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chantenay Greater (Long Type)	\$0.30	\$0.65	\$2.00	\$1.75
Chantenay (Red core)	.30	.65	2.00	1.75
Danvers Half Long. Red core	.30	.65	2.00	1.75
Gold Pak	.40	1.20	3.50	3.25
Hutchinson (Waltham Strain)	.30	.85	2.50	2.25
Imperator Long Type	.30	.85	2.50	2.25
Improved Long Orange	.30	.65	2.00	1.75
Nantes Half Long	.30	.75	2.20	1.95
Oxheart	.30	.85	2.50	2.25
Sweetheart	.40	1.20	3.50	3.25
Touchon	.30	.75	2.20	1.95
Waltham Hicolor	.40	1.20	3.50	3.25

CAULIFLOWER

Very seldom direct seeded. See culture and descriptions page 60.

	¼ oz.	½ oz.	Oz.	¼ lb.
Ideal (All American 1949)	\$1.00	\$1.90	\$3.50	\$10.00
New Snowball (Main Crop)	.85	1.60	3.00	9.25
Super Select Snowball (Early)	.95	1.75	3.25	9.75
Purple Head	.95	1.95	3.25	9.75

CELERIAC

Culture & seeding same as for celery.

	½ oz.	Oz.	¼ lb.	1 lb.
Large Smooth Prague	\$0.40	\$0.70	\$2.15	\$6.50

CELERY

An ounce of seed will produce 8000-10,000 plants. 20,000-30,000 plants are required to plant an acre if planted 12 inches apart in rows 24 inches.

	¼ oz.	½ oz.	Oz.	¼ lb.	1 lb.
Easy Blanching Full Heart	\$0.35	\$0.60	\$1.10	\$3.25	\$9.75
Giant Pascal	.30	.50	.85	2.50	7.50
Golden Self-Blanching	.35	.60	1.10	3.25	9.75
Summer Pascal	.35	.60	1.10	3.35	10.00
Tall Utah 52-70	.70	1.35	2.50	7.50	22.50
Utah Pascal	.35	.60	1.10	3.25	9.75

CHERVIL

Plant about ½ ounce of seed per 100 foot of row. Germinates slowly and grows slowly until plants are 2 inches tall. Thin to about 5 inches apart.

	Oz.	¼ lb.	1 lb.
Double Curled	\$0.30	\$0.75	\$2.25

CHICORY

Plant early as possible using ½ ounce of seed per 100 foot of row. Thin plants to 6 inches.

	Oz.	¼ lb.	1 lb.
Asparagus or Radichetta	\$0.30	\$0.90	\$2.75
Magdeburg. Large rooted	.30	.90	2.75
San Pasquale	.35	1.00	3.00
Witloof or French Endive. Fancy	.30	.90	2.75

CHIVES

Plant early as possible about 1 oz. of seed for 100 foot of row.

	½ oz.	Oz.	¼ lb.	1 lb.
Allium Schoenoprasum	\$0.75	\$1.35	\$4.10	\$12.25

COLLARDS

Seeded directly in the field in rows 24-30 inches apart. Requires about 2-2½ lbs. of seed per acre, ½ ounce will plant 100 foot of row.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Georgia	\$0.30	\$0.40	\$1.15	\$1.00
Vates	.30	.70	2.00	1.85

SWEET CORN

Plant 10-12 lbs. per acre in rows 30-36 inches apart. Wait until the ground warms up for planting. 3-4 ounces will plant 100 foot of row.

Open Pollinated Varieties

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
unt Mary's	\$1.05	\$0.95	\$0.85	\$0.75
lack Mexican	.70	.60	.50	.40
antam Evergreen	.65	.55	.45	.36
ountry Gentleman	.65	.55	.45	.35
arly Evergreen	.65	.55	.45	.35
xtra Early Bantam 8 Row	.65	.55	.45	.35
olden Bantam 8 Row	.65	.55	.45	.35
olden Bantam 12 Row	.65	.55	.45	.35
olden 60 Day	.65	.55	.45	.35
olden Midget	.75	.65	.55	.43
towell's Evergreen	.65	.55	.45	.35

Hybrid Varieties

	\$0.80	\$0.70	\$0.60	\$0.50
ouquet	.75	.65	.55	.46
armelcross Improved	1.05	.95	.85	.75
ountry Gentleman (Illinois #13)	.85	.75	.65	.55
olden Beauty	.80	.70	.60	.46
olden Cross Bantam	.85	.75	.65	.55
olden Rocket	.90	.80	.70	.57
old Strike	.90	.80	.70	.57
oney	.75	.65	.55	.42
oana	.85	.75	.65	.52
ochief	.80	.70	.60	.46
arcross 39	.90	.80	.70	.57
iniature	.80	.70	.60	.49
ur Choice	.90	.80	.70	.58
itowells Evergreen Hybrid	.80	.70	.60	.49
urprise				

POP CORN

Pop corn seed is planted at about the same distance as sweet corn but because the seeds are smaller only 7-8 lbs. is required per acre.

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
ap Hulless	\$0.65	\$0.55	\$0.45	\$0.32
llinois Hulless	.70	.60	.50	.40
innhybrid 250	1.05	.95	.85	.72
urdue Hybrid 31	.90	.80	.70	.57
outh American	.65	.55	.45	.32

CORN SALAD

One ounce will plant 100 foot of row. Usually not grown in acres.

	1/2 oz.	Oz.	1/4 lb.	1 lb.
Feticus (Mache-stick)	\$0.30	\$0.45	\$1.30	\$3.80

CRESS

One ounce will plant the equivalent of 50 foot of row. Usually not grown in acres.

	1/2 oz.	Oz.	1/4 lb.	1 lb.
Curled or Pepper Grass	—	\$0.30	\$0.65	\$1.90
Upland	—	.40	1.20	3.60
Water	.65	1.15	3.35	10.00

CUCUMBERS

An ounce will plant about 75 foot of row. 2-3 lbs. are required to plant an acre in hills 3 feet apart in rows 5 feet apart.

Hybrid Variety

	1/2 oz.	1/4 oz.	1/2 oz.	Oz.	1/4 lb.
Vaughan's Hybrid	\$0.95	\$1.75	\$3.00	\$5.50	\$16.50

Standard Varieties

	1 oz.	1/4 lb.	1 lb.	5 lbs. per lb.
"A & C" Colorado	\$0.30	\$0.80	\$2.35	\$2.10
Ashley	.30	.95	2.75	2.50
Boston Pickling	.30	.65	2.00	1.75
Chicago Westerfield Pickling	.30	.65	2.00	1.75
Improved Long Green	.30	.80	2.35	2.10
Japanese Climbing	.35	1.00	3.00	2.75
Mandarin	.40	1.20	3.75	3.50
Marketer Long Type	.30	.95	2.75	2.50
Marketer	.30	.75	2.25	2.00
Mincu	.35	1.00	3.00	2.75
MR 17	.30	.65	2.00	1.75
National Pickling	.30	.65	2.00	1.75
Niagara	.30	.85	2.50	2.25
Smoothie	.35	1.00	3.00	2.75
Stono	.30	.85	2.50	2.25
Straight Eight	.30	.85	2.50	2.25
The Vaughan	.30	.85	2.50	2.25
West India Gherkin	.35	1.00	3.00	2.75
Wisconsin No. 6	.30	.65	2.00	1.75
Yorkstate	.30	.65	2.00	1.75

DANDELION

An ounce will plant 300 foot of row 1 1/2-2 lbs. per acre.

	1/2 oz.	Oz.	1/4 lb.	1 lb.
Thick Leaved or Cabbaging	\$0.90	\$1.65	\$5.00	\$15.00

DILL

An ounce will plant 300 foot of row 3-4 lbs. for an acre.

	Oz.	1/4 lb.	lb.	5 lbs. per lb.
Long Island Mammoth	\$0.30	\$0.50	\$1.30	\$1.05

EGG PLANT

Very seldom direct seeded. See culture & description of varieties on page 00.

	1/4 oz.	1/2 oz.	Oz.	1/4 lb.	1 lb.
Black Beauty	—	\$0.65	\$1.15	\$3.35	\$10.00
Florida High Bush	—	.65	1.15	3.35	10.00
Vaughan's Hybrid	\$1.50	2.85	5.50	16.75	50.00
N. Y. Purple	—	.65	1.15	3.35	10.00

ENDIVE

1/2 ounce will plant 100 foot of row. Two pounds will plant an acre with rows 18-24 inches apart.

	Oz.	1/4 lb.	1 lb.
Broad-leaved Batavian White Escarolle			
Full Heart	\$0.30	\$0.70	\$2.10
Florida Deep Heart	.30	.70	2.10
Green Curled Pancalier, Rose Ribbed	.30	.70	2.10
Green Curled Summer	.30	.70	2.10
Moss, Very Fine Curled	.30	.70	2.10

GARDEN HUCKLEBERRY

Same culture as Tomatoes, see page 00.

	1/2 oz.	Oz.	1/4 lb.	1 lb.
Common	\$0.50	\$0.90	\$2.65	\$7.85

GARLIC

Bulbs consisting of cloves that are broken apart for planting. They have one common root attachment.

	1 lb.	5 lbs. per lb.	25 lbs. per lb.
Bavarian	\$0.85	\$0.65	\$0.60

HERBS

Seed requirements vary so greatly that no attempt can be made here to list them by kind.

	1/2 oz.	1 oz.	1/4 lb.	1 lb.
Anise	—	\$0.40	\$1.15	\$3.50
Borage	—	.30	.85	2.60
Caraway	—	.30	.85	2.60
Catnip	.55	.95	2.90	8.75
Coriander	.30	.45	1.35	4.00
Fennel, Florence	—	.30	.85	2.60
Fennel, Sweet	—	.40	1.15	3.50
Horehound	.50	.85	2.50	7.50
Hyssop	.50	.85	2.50	7.50
Lavender (True)	.65	1.15	3.35	10.00
Rosemary	.90	1.70	5.00	15.00
Rue	.65	1.15	3.35	10.00
Saffron	.45	.75	2.25	6.75
Sage	.40	.65	1.90	5.75
Savory, Summer	.30	.50	1.45	4.30
Sweet Basil (Lettuce Leaf)	—	.40	1.15	3.50
Sweet Marjoram	.55	.95	2.90	8.75
Thyme	.95	1.75	5.25	15.75

HORSERADISH SETS

	per Doz.	per 100	per 1000
8-10 inch Selected	\$1.00	\$5.50	\$50.00

KALE OR BORECOLE

1/2 ounce will plant 100 foot of row. Two lbs. will plant an acre in 24-30 inch rows.

	Oz.	1/4 lb.	1 lb.
Dwarf Green Curled	\$0.30	\$0.65	\$1.90
Tall Green Scotch	.30	.65	1.90
Vates (Dwarf Blue)	.30	.65	1.90
Siberian Long Standing	.30	.55	1.60

KOHLRABI

½ ounce will plant 100 foot of row. Two lbs. will plant an acre in 24 inch rows.

	Oz.	¼ lb.	1 lb.
Early Purple Vienna	\$0.35	\$1.00	\$3.00
Early White Vienna	.35	1.00	3.00

LEEK

½ ounce will plant 100 feet of row. 2-3 lbs. for an acre planted in rows 18 inches apart.

	Oz.	¼ lb.	1 lb.
Broad Scotch or London Flag	\$0.50	\$1.50	\$4.50
Large Musselburg	.50	1.50	4.50
Elephant	.50	1.50	4.50

LETTUCE

½ ounce will plant 100 foot of row. Two lbs. will plant an acre with rows 18-24 inches apart.

Leaf Varieties

	Oz.	¼ lb.	1 lb.
Black-Seeded Simpson	\$0.30	\$0.65	\$1.95
Early Curled Simpson	.30	.65	1.95
Grand Rapids Forcing	.30	.75	2.25
Oak Leaf	.35	1.10	3.25
Prizehead	.30	.65	1.95
Ruby	.30	.95	2.85
Salad Bowl	.85	2.50	7.50

Butter Head Varieties

	Oz.	¼ lb.	1 lb.
Bibb	\$0.30	\$0.85	\$2.50
Big Boston	.30	.65	2.00
Matchless	.55	1.60	4.75
May King	.30	.85	2.50
Unrivalled or White Boston	.30	.85	2.50

Crisp Head Varieties

	Oz.	¼ lb.	1 lb.
Great Lakes (for uplands)	\$0.65	\$1.85	\$5.50
Great Lakes No. 659 for fall crop	.65	1.85	5.50
Iceberg	.30	.75	2.25
Imperial No. 456 (for Muck or lowlands)	.65	1.85	5.50
Pennlake	.65	1.85	5.50

Cos Varieties

	Oz.	¼ lb.	1 lb.
Express Cos (Dark Green)	\$0.30	\$0.70	\$2.10
Paris White Cos.	.30	.70	2.10
Parris Island Cos.	.40	1.15	3.50

MUSTARD

One ounce will plant 300 foot of row. About 3 lbs. will plant an acre in rows 24 inches apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chinese Smooth Leaf	\$0.30	\$0.50	\$1.00	\$0.85
Florida Broad Leaved	.30	.50	1.00	.85
Giant Southern Curled Long Standing	.30	.50	1.00	.85
Green Wave (Long standing AA57 winner)	.30	.60	1.15	1.00
Tendergreen	.30	.50	1.00	.85

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

Improved Vita.

	1 Brick	5 Bricks	10 Bricks
	\$0.75	\$3.25	\$6.00

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. \$1.45 per carton. \$14.50 per doz.

OKRA

Two ounces will plant 100 foot of row. 5-6 lbs. will plant an acre in rows 40 inches apart.

	¼ lb.	1 lb.	5 lbs. per lb.
Clemson Spineless	\$0.35	\$1.00	\$0.80
Dwarf Long Pod	.35	1.00	.80
Perkins Mammoth	.35	1.00	.80
White Velvet	.35	1.00	.80

ONION

An ounce will plant 100 foot of row. 3-4 lbs. will plant an acre in rows 18 inches apart.

Hybrid Varieties

	Oz.	¼ lb.	1 lb.
Aristocrat	\$1.15	\$3.35	\$10.00
Abundance (Early Yellow Globe Type)	1.15	3.35	10.00
Autumn Spice (Storage Type)	1.15	3.35	10.00
Brown Beauty (Yellow Globe Type)	1.15	3.35	10.00
Early Harvest	1.70	5.00	15.00
Elite	1.15	3.35	10.00
Encore (Early Yellow Globe Type)	1.15	3.35	10.00
Magnifico (Sweet Spanish Type)	1.35	4.25	12.50
Vaughan's Hybrid Winter Keeper	1.30	4.00	12.00

Standard Varieties

	Oz.	¼ lb.	1 lb.
Beltsville Bunching	\$1.95	\$5.85	\$17.50
Bermuda Yellow	.40	1.20	3.60
Crystal White Wax	.40	1.20	3.60
Downing Yellow Globe	.55	1.70	5.00
Early Yellow Globe	.50	1.55	4.75
Ebenezer Yellow	.40	1.15	4.75
Ebenezer White	.40	1.15	3.50
Golden Globe	.45	1.40	4.25
He-Shi-Ko or Jap Bunching	.45	1.30	4.00
Iowa Yellow Globe No. 44	.65	1.90	5.75
Red Wethersfield	.50	1.50	4.50
Southport White Globe	.55	1.55	4.75
Southport Red Globe	.55	1.55	4.75
Southport Yellow Globe	.55	1.55	4.75
White Lisbon Bunching	.50	1.50	4.60
White Portugal	.40	1.20	3.60
White Sweet Spanish	.65	1.90	5.75
Yellow Sweet Spanish	.60	1.85	5.50

PARSLEY

½ ounce will plant 100 foot of row. 6-7 lbs. will plant an acre in rows 18 inches apart.

	Oz.	¼ lb.	1 lb.
Champion Moss Curled	\$0.30	\$0.80	\$2.25
Hamburg (Standard) (Rooted)	.30	.80	2.25
Plain Regular	.30	.80	2.25
Italian Giant Plain (Celery Leaf)	.30	.95	2.85
Vaughan's XXX	.35	1.00	3.00

PARSNIP

½ ounce will plant 75 foot of row. 3-4 lbs. will plant an acre in rows 24-30 inches apart.

	Oz.	¼ lb.	1 lb.
All American (Hollow Crown)	\$0.30	\$0.50	\$1.50
Guernsey	.30	.50	1.50

PEAS

They require cool weather to do their best. One lb. will seed 100 foot of row. 100-120 lbs. will seed an acre.

Standard Varieties

	1 lb.	5 lbs. per lb.	25 lbs. per lb.	100 lbs. per lb.
Alaska (Resistant)	\$0.50	\$0.40	\$0.30	\$0.20
Alderman (Tall Telephone)	.60	.50	.40	.29
American Wonder	.60	.50	.40	.29
Dwarf Telephone or Daisy	.60	.50	.40	.29
Giant Stride	.60	.50	.40	.30
Improved Gradus or World's Record	.60	.50	.40	.30
Laxton's Progress (Hundredfold, Laxtonian)	.60	.50	.40	.29
Laxton's Superb	.60	.50	.40	.29
Lincoln	.60	.50	.40	.29
Little Marvel	.60	.50	.40	.26
Nott's Excelsior (Premium Gem)	.60	.50	.40	.29
Thomas Laxton	.55	.45	.35	.25
WANDO (Heat resistant)	.55	.45	.35	.26
Wando (Heat resistant)	.55	.45	.35	.26

Edible Pod Varieties

	Oz.	¼ lb.	1 lb.
Dwarf Grey Sugar	\$0.60	\$0.50	\$0.40

Field Varieties

	Oz.	¼ lb.	1 lb.
California Blackeye	\$0.60	\$0.50	\$0.40

PEPPER

Seldom seeded directly in the field. About 10,000 plants are required to plant an acre when planted 24 inches apart in rows 30 inches apart. See pages 50 and 51 for descriptions of varieties.

	½ oz.	Oz.	¼ lb.	1 lb.
All big—Illinois F5	\$0.65	\$1.20	\$3.60	\$10.75
California Wonder	.55	.95	2.75	8.25
Early California Wonder	.55	1.00	2.95	8.75
Golden California Wonder	.65	1.20	3.50	10.50
Cayenne, Long red	.55	1.00	3.00	9.00
Harris Giant	.65	1.20	3.50	10.50
Hungarian Hot	.65	1.20	3.50	10.50
Hungarian Sweet	.65	1.20	3.50	10.50
Perfection Pimiento	.60	1.05	3.15	9.50
Red Chili	.60	1.10	3.35	10.00
Roumanian Block Type Sweet	1.30	2.50	7.50	—
Roumanian Block Type Mild	1.30	2.50	7.50	—
Ruby King (King of the North)	.60	1.05	3.10	9.25
Sunnybrook	.75	1.40	4.20	12.50
Wisconsin Lakes	.80	1.45	4.30	12.95
Worldbeater (Magnum Dulce)	.55	1.00	2.95	8.75
Yolo Wonder	.60	1.10	3.35	10.00

PUMPKIN

Grow in most any soil. One ounce of seed will plant 15-20 hills. Three pounds will plant one acre in hills 4 foot apart in the row with rows 7 foot apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Connecticut Field or Big Tom	\$0.30	\$0.70	\$2.00	\$1.80
Halloween (Jack O'Lantern)	.30	.70	2.15	1.95
Kentucky Field	.30	.60	1.80	1.60
Small Sugar Pie	.30	.70	2.15	1.95
Striped Cushaw	.30	.70	2.00	1.80
Vaughan's Mammoth Prize	.30	.80	2.35	2.15

RADISH

One ounce of seed will plant 75 foot of row. About 15 lbs. is required to plant an acre in rows 12 inches apart.

	¼ lb.	1 lb.	5 lbs. per lb.	25 lbs. per lb.
Burpee White	\$0.70	\$2.15	\$2.00	\$1.85
Cavalier	.40	1.15	1.00	.85
Cherry Belle	.45	1.35	1.20	1.05
Champion	.40	1.30	1.15	1.00
Cincinnati Market	.40	1.15	1.00	.85
Crimson Giant Forcing	.35	1.10	.95	.80
Early Scarlet Globe (Medium top)	.35	1.10	.95	.80
Early Scarlet Globe (Short top)	.35	1.10	.95	.80
Improved French Breakfast	.40	1.15	1.00	.85
Red Prince	.35	1.10	.95	.80
Scarlet Turnip, White Tip (Sparkler)	.35	1.10	.95	.80
White Icicle	.35	1.10	.95	.80
White Strassburg	.45	1.40	1.25	1.10

Winter Varieties

California Mammoth White	\$0.45	\$1.40	\$1.25	—
Chinese Mammoth or Celestial	.45	1.40	1.25	—
Long Black Spanish	.45	1.40	1.25	—
Rose or Scarlet China Winter	.45	1.40	1.25	—
Round Black Spanish	.45	1.40	1.25	—

RHUBARB

One ounce will produce 500 plants. About 5000 plants are required per acre, if planted 30 inches apart in rows 4 foot apart.

	Oz.	¼ lb.	1 lb.
Mammoth	\$0.40	\$1.25	\$3.75
Victoria	.40	1.25	3.75

ROCKET

One ounce will seed 100 foot of row. Seldom grown in acres.

	Oz.	¼ lb.	1 lb.
Ruccoli	\$0.40	\$1.20	\$3.60

SALSIFY

One ounce will seed 100 foot of row. 10-12 lbs. per acre if planted in 20 inch rows.

	½ oz.	Oz.	¼ lb.	1 lb.
Mammoth Sandwich Island	\$0.35	\$0.55	\$1.65	\$5.00

SORREL

One ounce sows 150 foot of row, 2-3 lbs. for an acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Broad Leaved	\$0.30	\$0.45	\$1.35	\$4.00
Narrow Leaved	.30	.50	1.50	4.50

SWISS CHARD

See complete listing under beets.

SPINACH

Sow early or late as it does not do well when daylength is long. Plant 12-20 lbs. of seed per acre in rows 12-18 inches apart.

	¼ lb.	1 lb.	5 lbs. per lb.
Hybrid No. 7	\$0.50	\$1.45	\$1.30
America	.30	.75	.60
Bloomsdale Long Standing	.30	.75	.60
Dixie Market	.30	.80	.65
King of Denmark	.30	.75	.60
New Zealand	.30	.90	.75
Old Dominion	.30	.75	.60
Viking (Giant Nobel)	.30	.75	.60
Virginia, Blight-Resistant	.30	.75	.60

SQUASH

One ounce of seed will plant 25 hills. 5-6 lbs. will plant one acre in hills with rows 8 foot apart and hills 4 foot apart in the row.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Banana (Blue) (W)	\$0.30	\$0.75	\$2.20	\$2.00
Buttercup (W)	.45	1.35	4.00	3.80
Butternut (W)	.45	1.35	4.00	3.80
Caserta (S)	.30	.85	2.50	2.30
Cocozelle (S)	.30	.65	1.95	1.75
Crookneck, Giant (S)	.30	.55	1.75	1.55
Crookneck Yellow Summer (S)	.30	.55	1.75	1.55
Des Moines Jumbo, Royal Acorn (W)	.30	.65	1.90	1.70
Des Moines Table Queen, Acorn (W)	.30	.65	1.90	1.70
Hubbard Blue Special (W)	.30	1.00	3.00	2.80
Hubbard Chicago Warted (W)	.30	.80	2.35	2.00
Hubbard, Golden (W)	.30	.80	2.35	2.00
Hubbard Improved (W)	.30	.80	2.35	2.00
Straightneck, Early Prolific (S)	.30	.60	1.75	1.55
Warren Turban (W)	.35	1.15	3.50	3.30
White Bush Scallop Mammoth (S)	.30	.65	1.90	1.70
Zucca Pergola (S)	.35	1.05	3.20	3.00
Zucchini-Black Vegetable Marrow (S)	.30	.65	1.90	1.70
Zucchini-Gray Vegetable Marrow (S)	.30	.65	1.90	1.70
Zucchini-Black Beauty (S)	.30	.90	2.60	2.40

TOBACCO

An ounce of seed will produce 2000 plants. About ½ lb. will produce enough plants for one acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Connecticut Seed Leaf	\$0.50	\$0.85	\$2.50	\$7.50
White Burley	.60	1.10	3.35	10.00

Have You Tried Peat Pots ?????

Whether you sell the plants in the spring, or grow them in a green house or outdoors for the fruit, you should be using Peat Pots. Your customer will like the advantage of planting pot and all with no setback to the plant. Peat pots will give you earlier fruit and more production. See Back Cover for Peat Pots shown in full color.

TOMATOES

Seldom direct seeded. About 4500 plants required per acre. See page 52 for all variety descriptions.

Hybrid Varieties

	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	1 oz.	1/4 lb.
Vaughan's Early Hybrid	\$1.65	\$3.00	\$5.50	\$10.00	\$30.00	
Vaughan's Hybrid	1.65	3.00	5.50	10.00	30.00	
Early Giant Hybrid	\$2.50	4.50	8.50	16.00	30.00	90.00
Burpee's Big Boy®	2.50	4.50	8.50	16.00	30.00	98.00
Wonder Boy	2.50	4.50	8.50	16.00	30.00	90.00
Super Colossal	2.50	4.50	8.50	16.00	30.00	—

Standard Varieties

	1/2 oz.	1 oz.	1/4 lb.	1 lb.
Bonny Best. (John Baer)	\$0.55	\$0.95	\$2.90	\$8.75
Bounty. (Victor)	.60	1.10	3.25	9.75
Break o' Day	.60	1.10	3.35	10.00
Crimson Cushion or Beefsteak	.70	1.30	3.85	11.50
Dwarf Stone. Mid-season red.	.60	1.10	3.35	10.00
Earliana (Vaughan's Select)	.60	1.10	3.35	10.00
Fireball	1.00	1.90	5.75	17.25
Firesteel	.70	1.20	3.60	10.75
Garden State	.60	1.10	3.35	10.00
Giant Tree or Climbing	2.10	4.00	12.00	35.00
Glamour	.70	1.30	3.85	11.50
Hystep F-2	1.45	2.80	8.35	25.00
Manalee. (New early red from Florida)	.55	.95	2.90	8.75
Manalucie	.65	1.20	3.60	10.75
Marglobe (Vaughan's Select)	.55	.95	2.90	8.75
Oxheart. Pink	1.00	1.85	5.50	16.50
Pink Shipper	.70	1.30	3.85	11.50
Ponderosa Pink	.60	1.10	3.25	9.75
Pritchard	.60	1.05	3.15	9.50
Queens	.60	1.05	3.20	9.65
Richmeat (Hendersons)	1.45	2.80	8.35	25.00
Rutgers (Vaughan's Select)	.55	.95	2.90	8.75
Sioux	.60	1.10	3.35	10.00
Stokesdale	.60	1.10	3.35	10.00
Stone, Improved. Medium early red.	.60	1.05	3.15	9.50
Valiant	.60	1.10	3.35	10.00
Wiltmaster (very resistant to wilt)	.75	1.40	4.10	12.25
Winsall (Hendersons)	1.45	2.80	8.35	25.00
Wisconsin No. 55	.65	1.20	3.60	10.75

Novelty Varieties

	1/2 oz.	1 oz.	1/4 lb.	1 lb.
Caro-Red	\$1.00	\$1.85	\$5.50	\$16.50
Italian Canner	.90	1.70	5.00	15.00
Jubilee. Mid-season, yellow globe.	.65	1.20	3.60	10.75
Ponderosa Golden	.85	1.55	4.60	13.75
Tiny Tim	1.75	3.35	10.00	30.00
White Beauty	.90	1.70	5.00	15.00

Small Fruited Varieties

	1/2 oz.	Oz.	1/4 lb.	1 lb.
Cherry, Red or Yellow	\$0.80	\$1.45	\$4.35	\$13.00
Ground Cherry	.80	1.45	4.35	13.00
Plum, Red or Yellow	.80	1.45	4.35	13.00
Pear, Red or Yellow	.80	1.45	4.35	13.00
Currant Red	.80	1.45	4.35	13.00
Peach Yellow	.80	1.45	4.35	13.00

Forcing Varieties

	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
Tuckross O	\$3.00	\$5.50	\$9.50	\$18.50	\$35.00
Tuckross W	3.00	5.50	9.50	18.50	35.00
M-O Hybrid	3.00	5.50	9.50	18.50	35.00

	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
Michigan State Forcing	\$1.50	\$2.50	\$4.50	\$8.50
Waltham Forcing	.85	1.50	2.75	5.00
Ohio W R 3	1.50	2.50	4.50	8.50
Ohio W R 7	1.50	2.50	4.50	8.50

RUTABAGA OR SWEDE

Seed requirements same as for Turnip. Should be blocked and thinned 12 inches apart in the row.

	1/4	1 lb.	5 lbs. per lb.
Laurentian	\$0.35	\$1.05	\$0.90
American Purple Top Improved	.35	1.05	.90

TURNIP

For bunching 1-1 1/2 lbs. of seed are planted per acre in rows 18 inches apart. Broadcast 2-2 1/2 lbs. per acre. One ounce will plant 250 foot of row.

Hybrid Variety

	Oz.	1/4 lb.	1 lb.	5 lbs. per lb.
Just Right	\$0.60	\$1.75	\$5.00	\$4.75

Standard Varieties

	1/4 lb.	1 lb.	5 lbs. per lb.
Amber or Yellow Globe	\$0.35	\$1.00	\$0.85
Early Extra Purple Top Milan	.35	1.05	.90
Early White Milan. Earliest of all	.35	1.05	.90
Cowhorn	.35	1.00	.85
Purple Top Strap Leaf	.35	1.05	.90
Purple Top White Globe	.35	1.00	.85
Seven Top	.35	1.00	.85
Shogoin or Foliage Turnip	.35	1.00	.85
Snowball	.35	1.05	.90

WATERMELON

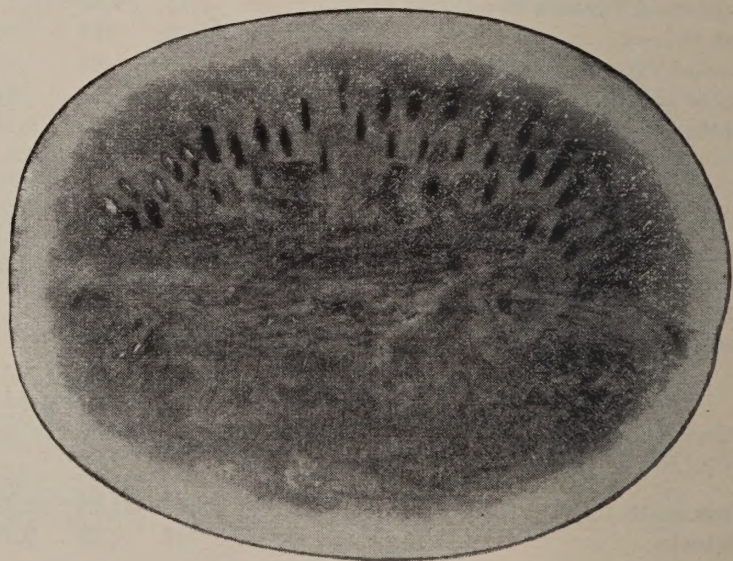
One ounce of seed will plant 25 hills. 2-3 lbs. of seed is required to plant an acre in hills in rows 6 foot apart and 4 foot apart in the rows.

Hybrid Varieties

	1/16 oz.	1/8 oz.	1/4 oz.	1/2 oz.	Oz.
Dixie Queen Hybrid	—	\$0.85	\$1.50	\$2.50	\$4.50
Tri-X-317 Seedless	2.00	3.50	6.50	12.50	22.50

Standard Varieties

	Oz.	1/4 lb.	1 lb.	5 lbs. per lb.
Black Lee Resistant	\$0.30	\$0.75	\$2.15	\$2.00
Charleston Gray	.30	.80	2.40	2.25
Citron	.30	.85	2.50	2.35
Cole's Early or Harris Early	.30	.75	2.25	2.10
Congo	.40	.75	2.25	2.10
Dixie Queen	.30	.85	2.55	2.40
Florida Giant (Black Diamond)	.30	.75	2.25	2.10
Golden Honey	.30	.80	2.40	2.25
Icebox	.30	.75	2.25	2.10
Kleckley's Sweet No. 6	.30	.75	2.25	2.10
Klondyke	.30	.80	2.35	2.20
New Hampshire Midget	.30	.85	2.50	2.35
Rhode Island Red	.30	.85	2.50	2.35
Stone-Mountain Resistant No. 5	.30	.65	2.00	1.85
Sugar Baby	.30	.85	2.50	2.35
Sweetheart	.30	.70	2.10	1.95
Tom Watson	.30	.60	1.80	1.65
Winter. King and Queen	.30	.65	2.00	1.85

**Tri X 317 Seedless Hybrid Watermelon**

This dark-red-fleshed seedless watermelon is far superior in quality to any of the seeded varieties. It's a natural for plant sales because its seed is hard to germinate except at temperatures above 80 degrees. Fruits are ice-box size, dark green with darker green stripes.

NOW! Master Blend Merion Formula at Lowest Prices in History!

For lawns in northern states, no grass has yet been developed or discovered which rivals the Merion variety of Kentucky blue grass. Foremost turf experts agree on this.

Using over 45% Merion Blue Grass as a base, Vaughan's has developed a mixture which germinates quickly, maintains an excellent color all year round and grows in sun, or light shade and in any soil: rich, sandy or clay. Vaughan's has done this by blending the best of the latest grasses developed by turf breeders:

Delta Kentucky Blue Grass discovered in Canada. Adds quick germination to Master Blend.

Pennlawn Red Fescue, a variety ideal for shade, quick germination and sandy soil.

Newport Kentucky Blue Grass germinates quickly, blends well with Merion and maintains excellent fall color.

This blend formulated by Vaughan's, the introducers of Merion, is designed to make it possible for the average homeowner to grow America's finest lawn with ease. All of Vaughan's tests have shown that this new blend produces a lawn faster, with less work and with more complete satisfaction than was possible with Merion alone. This conclusion has been reinforced by leading universities.

That's why Vaughan's unhesitatingly recommend Master Blend Merion Formula for your customers. Considering the work, cost of other materials and time involved in making a new lawn or re-seeding, the greatest economy a homeowner can make is to use the best seed available. All-perennial Master Blend fills this bill. Unlike cheap mixtures which never really look right and which need re-seeding each year, this blend improves in appearance each year, adding beauty and value to the home.

And, amazingly, one pound of Master blend covering about 750 sq. ft. goes as far as 2 to 3 lbs. of the best Kentucky blue grass. So there is actually an initial saving, too.

MASTER BLEND MERION FORMULA

Contains over 1,250,000 seeds of pure Merion strain of Kentucky Blue Grass plus Pennlawn Creeping Red Fescue, Delta Ky. Blue Grass and Newport Ky. Blue Grass. Our seed does not contain any Poa Annua or Bent.

	Retail	Packed	Cost
1 lb. ctns.	\$ 1.79	Case 25/1 lb.	\$27.00
3 lb. ctns.	5.25	Case 16/3 lb.	50.40
5 lb. bag	8.50	Bale 10/5 lb.	51.50
10 lb. bag	16.50	Bale 2/10 lb.	20.20
25 lb. bag	40.00	Bag 1/25 lb.	25.00
50 lb. bag	77.50	Bag 1/50 lb.	49.50
100 lb. bag	150.00	Bag 1/100 lb.	98.00

Broken Cases 2c per lb. higher

Produces thicker turf, stays greener all summer and stands closest mowing. 1 lb. covers 750 sq. ft., 3 times as much as standard blue grass mixtures, thus being no more expensive to sow an equal area.

MERION STRAIGHT

(Free of Poa Annua and Bent)

	Retail	Packed	Cost
1 lb. ctns.	\$ 1.89	Case 25/1 lb.	\$30.00
3 lb. ctns.	5.55	Case 16/3 lb.	55.20
5 lb. bag	9.00	Bale 10/5 lb.	56.00
10 lb. bag	17.50	Bale 2/10 lb.	22.00
25 lb. bag	42.50	Bag 1/25 lb.	26.75
50 lb. bag	82.50	Bag 1/50 lb.	53.00
100 lb. bag	160.00	Bag 1/100 lb.	105.00

Broken cases 2c per lb. higher

Merion Straight with Poa Annua or Bent approximately 10c per lb. lower—ask for prices.

SPECIAL LAWN MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

VAUGHAN'S PARKS FORMULA

Now Contains Delta Ky. Blue Grass, Merion Ky. Blue and Arboretum Ky. Blue Grass)

	Retail Price	Packed	Cost
1 lb. ctn.	\$ 1.25	Case 25/1 lb.	\$18.75
3 lb. ctn.	3.60	Case 16/3 lb.	34.56
5 lb. bag	5.75	Bale 10/5 lb.	35.00
10 lb. bag	11.00	Bale 2/10 lb.	13.60
25 lb. bag	26.25	Bag 1/25 lb.	16.75
50 lb. bag	50.00	Bag 1/50 lb.	33.00
100 lb. bag	95.00	Bag 1/100 lb.	65.00

VAUGHAN'S COLUMBIAN (SHADYPLACE FORMULA)

Especially Adapted for Medium Shade and Sandy Soils

	Retail Price	Packed	Cost
1 lb. ctn.	\$ 1.10	Case 25/1 lb.	\$16.50
3 lb. ctn.	3.15	Case 16/3 lb.	30.24
5 lb. bag	5.00	Bale 10/5 lb.	30.50
10 lb. bag	9.50	Bale 2/10 lb.	11.80
25 lb. bag	22.50	Bag 1/25 lb.	14.50
50 lb. bag	42.50	Bag 1/50 lb.	28.50
100 lb. bag	80.00	Bag 1/100 lb.	56.00

VAUGHAN'S DENSE SHADE FORMULA

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

	Retail Price	Packed	Cost
1 lb. ctn.	\$ 1.10	Case 25/1 lb.	\$16.50
3 lb. ctn.	3.15	Case 16/3 lb.	30.24
5 lb. bag	5.00	Bale 10/5 lb.	30.50
10 lb. bag	9.50	Bale 2/10 lb.	11.80
25 lb. bag	22.50	Bag 1/25 lb.	14.50
50 lb. bag	42.50	Bag 1/50 lb.	28.50
100 lb. bag	80.00	Bag 1/100 lb.	56.00

VAUGHAN'S VALU-BLEND LAWN MIXTURE

A Good Mixture for Quick Results

	Retail Price	Packed	Cost
1 lb. ctn.	\$ 0.80	Case 25/1 lb.	\$12.50
3 lb. ctn.	2.30	Case 16/3 lb.	22.56
5 lb. bag	3.75	Bale 10/5 lb.	22.50
10 lb. bag	7.30	Bale 2/10 lb.	8.60
25 lb. bag	17.50	Bag 1/25 lb.	10.50
50 lb. bag	32.50	Bag 1/50 lb.	20.50
100 lb. bag	60.00	Bag 1/100 lb.	40.00

Broken Cases on all Mixtures 2c per lb. Higher

FANCY GRASSES

Orders Booked at the Lowest Price on Day Received

We carry a full line of native imported grass seeds and would be pleased to have your inquiries. We can quote to advantage. We buy direct from growers.

	1 to 5 Bags	5 to 10 Bags
KENTUCKY BLUE GRASS—Standard 80%	\$38.00	\$37.00
Fancy—85%	39.00	38.00
Extra Fancy—90%	42.00	41.00
Refined—98% Row Crop Grown (Best buy)	45.00	44.00
DELTA STRAIN OF KENTUCKY BLUE GRASS	52.00	51.00
MERION STRAIN OF KENTUCKY BLUE GRASS	105.00	104.00
NEWPORT STRAIN OF KENTUCKY BLUE GRASS	65.00	64.00
PARK STRAIN OF KENTUCKY BLUE GRASS	70.00	69.00
ARBORETUM STRAIN OF KENTUCKY BLUE GRASS	60.00	59.00
RED TOP—Fancy—Purity 92%	32.00	31.00
Extra Fancy—Purity 95%	34.00	33.00
Refined—Purity 97% to 98%	36.00	35.00
CLOVER—White Dutch, Fancy	65.00	64.00
RYE GRASS—Domestic	10.00	9.50
PERENNIAL RYE GRASS	11.00	10.50
CHEWINGS FESCUE	25.00	24.00
DOMESTIC CREEPING RED FESCUE	26.00	25.00
CANADIAN CREEPING RED FESCUE	25.00	24.00
PENN LAWN CREEPING FESCUE	29.00	28.00
ILLAHEE FESCUE	29.00	28.00
ASTORIA BENT—Blue Tag	68.00	67.00
SEASIDE BENT—Blue Tag	105.00	
HIGHLAND BENT	34.00	33.00
PENNCROSS BENT	650.00	
ALTA FESCUE OR KY 31	18.00	17.50
POA TRIVIALIS	45.00	44.00
LARGE SUNFLOWER	19.00	18.00
SMALL SUNFLOWER	13.00	12.50
WILD BIRD SEED	8.00	7.50

Ask for our monthly price list on Grass and Field Seeds. Bags included on all grass seed gross for net. All grass seed prices net cash. F.O.B. Chicago or New York or Ovid, Michigan and subject to change without notice. Lawn Mixtures prepaid or freight allowed on orders of \$200 or more within 400 miles of Chicago, Ill., Ovid, Michigan or New York, N.Y.

Due to unsettled conditions at the time this goes to press, prices are only approximate and subject to change.

Vaughan's Western Grown Forcing or Pot Varieties

You can recapture potted plant sales from supermarkets by offering these exceptionally fine roses potted and in full bloom for Easter and Mother's Day. Their popularity is increasing all the time. Recommended varieties make wonderfully-free-blooming specimens. XXX grade result in large plants; XX grade in medium plants. Shipments from December through February.

VARIETIES

Patented varieties are offered under license from the patentee and are for resale at or above the retail prices specified. Wholesale prices on patented varieties are per variety. Quantities of patented varieties cannot be grouped with standard varieties for quantity prices. All standard varieties may be grouped to take advantage of the lowest quantity price.

Minimum retail			10 plants each	20/90 plants each	100/250 plants each	more than 250 plants each
*\$1.75	Carol Amling (#1126). An excellent light pink sport of Garnett. Attractive green foliage. Retail 1.75.	XXX grade	\$1.00	\$0.87 1/2	\$0.80	\$0.75
* 2.25	China Doll (#678). A very compact bush. Flowers pink edged with light pink to white. Very free blooming. Excellent for pot forcing. Retail 2.25.	XX grade	.80	.70	.64	.60
.....	Dick Koster . Flowers bright salmon rose.	XXX grade	1.25	1.13	1.05	.95
.....	Garnett . Attractive glossy bronze foliage. Flowers bright rich red. Growth compact.	XX grade	1.00	.87 1/2	.80	.75
.....	Golden Salmon . The name describes the flower color. Bush growth is compact. Foliage is good. Excellent.	XXX grade	.75	.70	.65	.60
.....	Margo Koster . Flowers freely with salmon-orange globular shaped blooms. Bush compact.	XX grade	.65	.60	.55	.45
.....	Mother's Day . Red globular shaped flowers. A sport of Margo Koster.	XXX grade	.75	.70	.65	.60
.....	Rose Elfe . Bush loosely compact. Flowers large, high centered and a lovely pink. Flower clusters are on relatively long strong stems.	XX grade	.65	.60	.55	.45
.....	Summer Snow . The most prolific of white varieties in this class. Flowers pure white in heavy clusters.	XXX grade	.75	.70	.65	.60
.....	Triomphe D'Orleanis . Flowers cherry red. Very popular.	XX grade	.65	.60	.55	.45
.....	The Fairy . A shrub rose excellent for pot forcing. Flowers freely with pink blooms.	XXX grade	.75	.70	.65	.60
		XX grade	.65	.60	.55	.45

* Patented Varieties

Packaged Rose Bushes

The Ideal Method for You as a Retailer to Display and Promote Sales
FRESH, DEPENDABLE, ATTRACTIVE

These are heavy, branched, well balanced 2 year old field grown Roses, expertly harvested, graded and stored in proper refrigeration. Attractively packaged with a beautiful full color label which identifies the bush by class and variety. Shipment is in strong containers, stitched and labeled.

Prices on packaged roses are f.o.b. Chicago, Ill.; Ovid, Michigan; or New York City, New York. (at 5c per bush extra) They may be shipped from any one of these points at our option with the price and freight being equalized to the nearest of the three.

Patented No. 1 Grade

Patented varieties are offered in No. 1 grade only. They are packed 18 per case minimum 6 of a kind your selection of varieties.

COST: Retail less 40%. See pages 62 and 63 for varieties and retail prices. 65 lbs. (Wholesale prices on page 62 and 63 applies only to bareroot bushes in bundles of 10.)

Non-patented Jumbo Grade

They are packed 18 per case, minimum of 6 of a kind, your selection of varieties see page 60.

COST: \$.92 each Case of 18 \$16.56 65 lbs.

Non-patented No. 1 Grade

They are packed 24 per case, minimum of 6 of a kind, your selection of varieties, see page 60.

COST: \$.72 each Case of 24 \$17.28 72 lbs.

1-G 12 Mixed case No. 1 Climbers only. Shippers selection including, BLAZE. COST: Case: \$8.64

Combination Cases

Case Identi- fication	Contents (No. of Bushes)	Description
1-B	24	No. 1 selection of fast-selling NAMED varieties assorted by colors for popular demand: 7 red, 4 pink, 2 white, 4 yellow, 4 two-tone, 3 climbers, varieties assorted (subject to change) as follows:

2 Radiance	2 Condesa de Sagato
3 Red Radiance	2 Blaze, red climber
2 Crimson Glory	2 Picture
2 Ami Quinard	2 Golden Charm
2 K. A. Viktoria	2 Soeur Therese
2 Talisman	1 Cl. Talisman 2-tone

COST: Case of 24: \$17.28

THRIFTY-THREE

(Non-patented)

T-E	20	Packs of 3-mixed in Red-Silver foil, Arp Texas Economy Grade, 1 red, 1 yellow, 1 pink.
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COST: Each \$.95 Case of 20 \$19.00



ROSE ELFE

Case Identi- fication	Contents (No. of Pkgs.)	Description
C-5	12	Royal Rose collections, 5 named bushes; 1 each: red, pink, white, yellow, two-tone in each package.
		COST: Each \$1.60 Case of 12 \$19.20
B-2	25	Royal Rose bundles of 2 of a kind, assorted in case.
		Cost: Each \$.65 Case of 25 \$16.25
R-B	30	No. 1 1/2 selection of fast-selling NAMED varieties assorted by colors for popular demand: 7 red, 5 pink, 2 white, 4 yellow, 4 two-tone, 6 climbers, 2 floribundas, varieties assorted (subject to change) as follows:
		3 Red Radiance 2 Picture
		2 Crimson Glory 2 Golden Charm
		2 Ami Quinard 2 Soeur Therese
		2 K. A. Viktoria 2 Condesa de Sagato
		3 Radiance 2 Talisman
		3 Blaze 1 Cl. Talisman
		2 Cl. Mrs. P. S. du Pont 2 Floradora
		COST: Case of 30 \$18.00

Patented Hybrid Tea Roses

WESTERN GROWN

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root)		
		10 Each	20-90 Each	100 up Each
\$3.00	Arlene Francis (#1684). Golden yellow blooms.	\$1.65	\$1.50	\$1.40
2.75	Aztec (#1648). Spectacular orange-scarlet.	1.50	1.38	1.30
3.50	Christian Dior AARS 1962. (#1943). Bright crimson red.	1.90	1.75	1.65
2.50	Chrysler Imperial AARS 1953. (#1167) Crimson-red.	1.40	1.25	1.20
3.50	Coronado (PPAF). Red & Yellow Bicolor	1.90	1.75	1.65
3.50	Duet. AARS 1961. (#1903). Bicolor salmon-pink to crimson.	1.90	1.75	1.65
2.50	Forty-Niner AARS 1949. (#792) Bicolor yellow outside, dazzling red inside	1.40	1.25	1.20
3.00	Garden Party AARS 1960 (#1814). Ivory tinted pink.	1.65	1.50	1.40
3.00	Golden Masterpiece (#1284). Golden yellow.	1.65	1.50	1.40
2.00	Golden Scepter (#910). Unfading yellow.	1.10	1.00	.95
3.00	Hawaii (#1833). Orange-coral blend.	1.65	1.50	1.40
2.75	Helen Traubel AARS 1952 (#1028). Pink to apricot.	1.50	1.38	1.30
3.00	Invitation (#2018). Orange-salmon to salmon pink.	1.65	1.50	1.40
2.00	Katherine T. Marshall AARS 1944 (#607). Coral pink.	1.10	1.00	.95



No. 1 1/2 grade patented roses at 20% off the No. 1 price. Order only in multiples of 10. Quantity prices are "per variety" on all patented varieties regardless of the overall total of bushes ordered. Ask for special prices on more than 250 of a variety.

JOHN S. ARMSTRONG
1962
ALL AMERICA WINNER



CHRISTIAN DIOR, 1962 ALL AMERICA WINNER

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root)		
		10 Each	20-90 Each	100 up Each
\$3.50	King's Ransom AARS 1962. (PPAF). Pure yellow.	\$1.90	\$1.75	\$1.65
3.00	Kordes Perfecta (#1604). Cream white to carmine at edges.	1.65	1.50	1.40
2.50	Lady Elgin (#1469). Buff yellow blushed with pink.	1.40	1.25	1.20
3.50	Memoriam (PPAF). Exquisite pink glowing with luminescence.	1.90	1.75	1.65
2.25	Mirandy AARS 1945 (#632). Rich dark red.	1.25	1.13	1.05
2.75	Mojave AARS 1954 (#1176). Orange shot with tones of salmon and red.	1.50	1.38	1.30
3.00	My Fair Lady (PPAF). Delicate pink with soft overtones of gold.	1.65	1.50	1.40
2.50	New Yorker (#823). Brilliant red.	1.40	1.25	1.20
2.25	Nocturne AARS 1948 (#713). Rich dark red.	1.25	1.13	1.05
2.50	Pink Favorite (#1523). Deep pink.	1.40	1.25	1.20
3.00	Pink Peace (#1759). Deep pink.	1.65	1.50	1.40
3.00	Sterling Silver (#1433). Clear lavender with a silvery sheen.	1.65	1.50	1.40
2.25	Sutter's Gold AARS 1950 (#885). Yellow richly shaded orange.	1.25	1.13	1.05
2.75	Tiffany AARS 1955 (#1304). Clear pink with a heart of gold.	1.50	1.38	1.30
2.75	White Knight (#1359) AARS 1958. Pure white.	1.50	1.38	1.30

Patented Grandifloras

WESTERN GROWN

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root)		
		10 Each	20-90 Each	100 up Each
\$2.50	Buccaneer (#1119). Brilliant yellow.	\$1.40	\$1.25	\$1.20
2.00	Carrousel (#1066). Dark red.	1.10	1.00	.95
2.50	Golden Girl (#1912). Sparkling yellow	1.40	1.25	1.20
3.50	John S. Armstrong AARS 1962 (PPAF). Velvety dark red.	1.90	1.75	1.65
2.50	June Bride (#1770).	1.40	1.25	1.20
2.50	Montezuma (#1383). Scarlet-orange to orange-salmon.	1.40	1.25	1.20
3.00	Pink Parfait AARS 1961 (#1904). Pink to rose-pink.	1.65	1.50	1.40
2.50	Queen Elizabeth AARS 1955 (#1259). Orchid pink.	1.40	1.25	1.20
2.50	Starfire AARS 1959 (#1742). Currant-red.	1.40	1.25	1.20





KINGS RANSOM,
1962 ALL AMERICA WINNER



GOLDEN SLIPPERS,
1962 ALL AMERICA WINNER

Patented Floribundas WESTERN GROWN

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root)		
		10 Each	20-90 Each	100 up Each
\$2.00	Amy Vanderbilt (#1585). Lavender lilac.....	\$1.10	\$1.00	\$.95
2.25	China Doll (#678). Deep pink.....	1.25	1.13	1.05
2.50	Circus AARS 1956 (#1382). Yellow to orange to red.....	1.40	1.25	1.20
1.75	Fashion AARS 1950 (#789). Coral-pink.....	1.00	.88	.80
2.00	Fashionette (#1563). Pink.....	1.10	1.00	.95
2.50	Fireking AARS 1960. (#1758). Vermilion.....	1.40	1.25	1.20
2.00	Fusilier (#1709) AARS 1958. Orange-red.....	1.10	1.00	.95
2.00	Gold Cup (#1683) AARS 1958. Rich yellow.....	1.10	1.00	.95
2.50	Golden Slippers AARS 1962 (PPAF). Small blooms of orange set in a ring of gold.....	1.40	1.25	1.20
1.50	Goldilocks (#672). Bright yellow.....	.90	.75	.70
2.00	Ivory Fashion AARS 1959 (#1688). Ivory.....	1.10	1.00	.95

Vaughan's patented roses are offered under license from patentee and it is understood and agreed that they will be resold at or above the minimum retail price listed before each patented variety. No reduction should be made in the minimum retail price if No. 1 ½ grade is purchased.

Because of unusual demand and only normal supply the four 1962 All America Winners cannot be purchased in large quantities.

Write for special prices on more than 250 of any one variety.

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root)		
		10 Each	20-90 Each	100 up Each
\$1.75	Jiminy Cricket AARS 1955 (#1346). Tangerine-red.....	\$1.00	\$.88	\$.80
2.25	Little Darling (#1581). Rose pink to yellow.....	1.25	1.13	1.05
1.75	Ma Perkins AARS 1953 (#1143). Coral-shell pink.....	1.00	.88	.80
1.50	Red Pinocchio (#812). Deep velvety red.....	.90	.75	.70
2.50	Sarabande AARS 1960 (#1761). Orange-red.....	1.40	1.25	1.20
2.00	Spartan (#1357). Orange softening to reddish coral.....	1.10	1.00	.95
1.75	Vogue AARS 1952 (#926). Cherry-coral.....	1.00	.88	.80
2.00	White Bouquet AARS 1957 (#1415). Sparkling white.....	1.10	1.00	.95

Patented Climbers WESTERN GROWN

Minimum Retail Price	Variety & Description	No. 1 Wholesale Price (Bare root)		
		10 Each	20-90 Each	100 up Each
\$2.50	Blossomtime (#1240). Two-toned pink.....	\$1.40	\$1.25	\$1.20
2.75	Climbing Crimson Glory (#736). Deep red.....	1.50	1.38	1.30
2.50	Climbing Peace (#932). Yellow with pink blush.....	1.40	1.25	1.20
3.00	Don Juan (#1864). Velvety red.....	1.65	1.50	1.40
2.75	Gladiator (#1524). Brilliant red.....	1.50	1.38	1.30
2.50	Golden Showers AARS 1957 (#1557). Deep yellow.....	1.40	1.25	1.20



This appealing "extra salesman" sells for you every minute of your business day. Tiny 10x10-in. counter space returns big sales.



18½¢ each

One Case of 72 Planted

Pots \$13.32

Now! Sell Glamorous Begonias In Peat Pots Ready To Grow

- **Peak Profits . . . Fast Turnover . . . Self-Selling**
- **Customers love their beauty, love to grow them**
- **Counter-top Display Advertises and "Asks for the Order"**

These imported begonias are 1½" and up in diameter; each bulb is planted in a 3" square peat pot; entire pot is wrapped in cellophane which is imprinted with cultural directions and a picture of the flower IN COLOR. The growing medium in the pot is vermiculite. Your customer needs only to remove the cellophane and add water to start the bulb growing. When plant reaches proper size as clearly stated in directions, the entire pot can be planted outdoors for blooming—this eliminates transplant shock.

Your choice of DARK RED, YELLOW, WHITE, ROSE—18 pots (all of one color) packed in each display carton. There are four attractive display cartons to a case—packed in your choice of color, or STANDARD PACK 18 OF EACH COLOR. Minimum order one case of 72 pots.

Your PROFIT amounts to	\$14.76
On 72 planted pots COSTING	13.32 (18½¢ each)
At suggested SELLING price of	\$28.08 (39¢ each)



Giant Hybrid Amaryllis

Famous Imported Holland Strain Amaryllis

Sensationally large well formed flowers. Brilliant colors. Green-house grown. True to color.

Order by color. Red, Dark Red, Scarlet, Salmon, White, Orange, Striped.

	Size 30-32 ctm.		
	Each	Doz.	Per 25
Prepared Bulbs for Jan. Flowering Delivery	\$3.00	\$35.00	\$68.00
Regular (Feb.—March Flowering)	\$2.50	\$29.00	\$56.00

SELECTED MIXED HYBRIDS

	100	1000
2½-2¾ inch.....	\$20.00	\$160.00
2¾-3 inch.....	30.00	260.00
3 inch and up.....	42.00	380.00

Amaryllis sell well, and we have many fine reports on our Holland Strain and our selected HYBRID Mixed Strain.

ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Set 10 inches apart, about ½ inch deep. Sunny location, plenty of moisture.

	100	1000
DeCaen, Single Poppy Type, mixed		
¾-7/8 inch.....	\$5.00	\$45.00
5/8-¾ inch, Mixed.....	3.50	30.00
DeCaen, Blue Poppy, bright blue,		
5/8-¾ inch.....	4.00	35.00
DeCaen, His Excellency, bright scarlet, 5/8-¾ inch.....	4.00	35.00
DeCaen, The Bride, white 5/8-¾ inch.....	4.00	35.00
DeCaen, Sylphide, pink, 5/8-¾ inch.....	4.00	35.00

Anemone St. Brigid Iris Champions. The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, 90% full double.

	American Grown	
	100	1000
5/8-¾ inch Bulbs.....	\$4.00	\$35.00
¾-7/8 inch Bulbs.....	5.50	50.00

RANUNCULUS

Bulbs are claw-like in shape and should be planted with claws downward two inches deep and ten inches apart. Soak bulbs same as Anemones. The color range embraces pink, yellow, orange, brilliant scarlet, vivid apricot and innumerable tints of these colors.

	American Grown	
	100	1000
5/8 to ¾ inch.....	\$3.00	\$25.00
¾ to 7/8 inch.....	4.00	35.00
7/8 to 1 inch.....	5.50	50.00

PINK CALLA

(Rehmanni Superba) Ready December 1st

	Doz.	100	1000
1½-2 inches.....	\$2.25	\$16.00	\$140.00
2-2½ inches.....	3.00	23.00	200.00

YELLOW CALLAS

	Doz.	100	1000
2-2½ inch.....	\$2.00	\$16.00	\$145.00
2½-3 inch.....	5.00	35.00	300.00
3 inches and up.....	6.50	50.00	450.00

ACIDANTHERA BICOLOR

MURIELAE. Flowers resembling small gladiolus grow from similar corms. The 2 inch Florets are white with deep violet blotch on 2 foot stems. Keep bulbs warm and dry. Per 100, \$3.00; per 1000, \$25.00.

MONTBRETIAS

They are highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange and scarlet.

	100	1000
Regular Assorted, 4 Colors.....	\$4.50	\$40.00

OXALIS

DEPPEI. Bright green foliage with coppery red flowers—ideal little garden. Also very nice if planted in pots for the window sill. Called lucky four leaf clover plant.

	100	1000
	\$2.00	\$15.00

TIGRIDIA

SHELL FLOWER OF MEXICO. Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb.

	100	1000
Mixed.....	\$5.00	\$40.00

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best Dwarf Excelsior Pearl Type.

	100	1000
Dwarf Excelsior Pearl { First size, 4 to 6 inch....	\$8.00	\$75.00
{ Second size, 3 to 4 inch..	5.00	45.00
Single Tuberoses, top size.....	8.00	70.00

ZEPHYRANTHUS

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

	100	1000
Candida White.....	\$3.50	\$30.00
Rosea Pink.....	6.50	60.00

HYACINTHUS CANDICANS

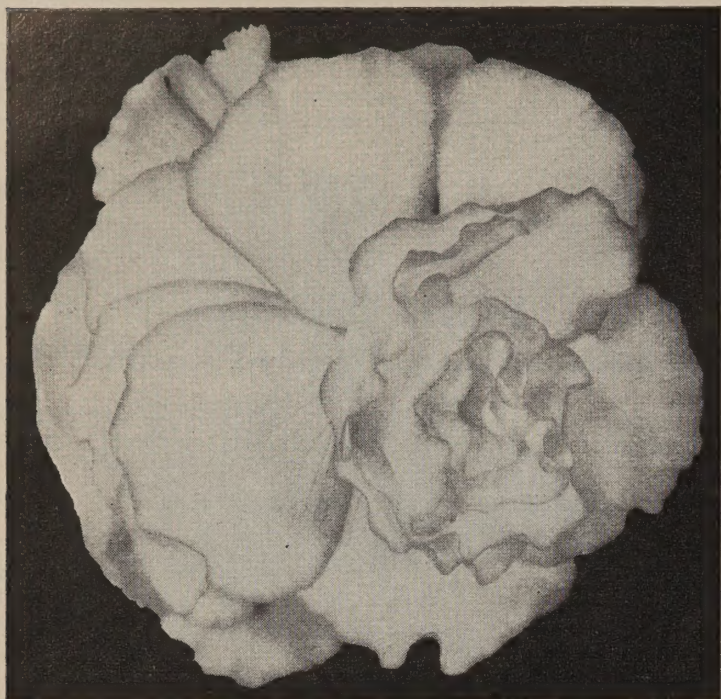
SUMMER HYACINTH. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.

	100
1½ to 1¾ inches.....	\$4.00
1¾ inch and up.....	5.00

ISMENE CALATHINA

PERUVIAN DAFFODIL. Flowers are pure white, borne three or four on a stem, and are very fragrant. Not hardy.....

	100
	\$30.00



TUBEROUS ROOTED BEGONIAS

GLOXINIAS

Etoile de Feu —bright red	Queen Wilhelmine —carmine
Defiance —red scarlet	Tigrina —specked
Roi des Rouges —deep red	Princess Elizabeth —blue with white throat
Emperor Frederik —red with white border	Waterloo —deep red
Emperor Wilhelm —blue with white border	Hollywood —novelty, blue going over to scarlet purple. Very early large flowers.
Mont Blanc —pure white	Blanche de Meru —pink with white throat
Prince Albert —deep blue	
Violacea —blue violet	

Grow at 65 degrees in mixture half peat and half sand. Keep the soil moist and avoid direct sunlight for the plants, especially at its maximum intensity.

1 1/2-2 inch	100	1000
2 inch and up	\$16.00	\$150.00
	22.00	195.00

BELGIAN GROWN—IMMEDIATE SHIPMENT

THROUGH MARCH 1st AFTER MARCH 1st

SUGGEST GROWING ON 2 1/4" PLANTS SEE PAGE 66

BEGONIAS TUBEROUS ROOTED

Copper, Red, Crimson, Orange, Pink, Rose, Salmon, Scarlet, White, Yellow.

By Color or Mixed Double Camelia Flowered—
Belgium Grown

1 1/4-1 1/2 inch	100	1000
1 1/2-2 inch	\$ 6.00	\$ 55.00
2 inch and up	10.00	90.00
	15.00	145.00

CARNATION FLOWERED

1 1/2-2 inch	100	1000
2 inch and up	\$12.00	\$100.00
	16.00	150.00

PENDULA OR HANGING BASKET

1 1/2-2 inch	100	1000
2 inch and up	\$14.00	\$125.00
	19.00	175.00

MULTIFLORA MAXIMA

(New cross between Camelia flowered and multiflora in 8 colors). Good Pot Plant for Easter or good bedding plant, 1 inch in diameter.

	100	1000
	\$14.00	\$125.00

AMERICAN GROWN RUFFLED CAMELIA OR ROSE FORM

"For The Very Best"

1 1/4-1 1/2 inch	100	1000
1 1/2 inch-2 inch	\$12.00	\$100.00
2 inch and up	18.00	160.00
	22.00	200.00

CANNAS

KING HUMBERT. 4 ft. Scarlet flowers, bronze leaves, greatest favorite today.	100	1000
	\$ 7.50	\$ 70.00
YELLOW KING HUMBERT. 4 ft. An orchid flowering sport of the well known variety King Humbert.	7.50	70.00
THE PRESIDENT. 4 ft. In color a rich glowing scarlet with immense rounded flowers 7" across when fully open, produced on strong, erect stems well above the large green foliage.	7.50	70.00
HUNGARIA. 3 1/2 ft. Very compact, almost dwarf, and of luxuriant growth. Leaves bluish green, never burn. Flowers LaFrance pink.	7.50	70.00

NEW GRAND OPERA SERIES

A new strain with unusual soft colors and large flowers.

AIDA. Large trusses of old rose overlaid with Salmon. Deep Green foliage.	100	1000
LA BOHEME. Extraordinary large heads of flowers of rosy peach with tints of Pearl.		
LA TRAVIATA. A delightful and lively shade of old rose in large flowers.	\$20.00	\$175.00
MIGNON. Giant flowers of old Gold.		
MME. BUTTERFLY. One of the finest of this series, yellow washed with pink.		
RIGOLETTO. Pure canary yellow.		

DAHLIAS

Ready February 1st

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str.C., Straight Cactus.

LARGE FLOWERING TYPES

	Per 100
AVALON. F.D. Clear Yellow 10"	\$18.00
CLARA CLEMENS. Ball, Red and White. 8"	18.00
COMMANDO. F.D. Blue lavender 10"	18.00
D. DAY. F.D. Pink. 9"	20.00
EASTERN ECHO. F.D. Rose and White 8"	20.00
GALLANT FOX. F.D. Brilliant red 8"	18.00
GOLDEN AUTUMN. C, Golden Yellow 9"	18.00
JANE COWL. J.D. Bronze and gold 10"	25.00
JERSEY BEAUTY. F.D. Clear pink 8"	30.00
JEAN KERR. F.D. White 8"	20.00
MICHIGAN WHITE. F.D. White, Extra Fine 10"	18.00
MRS. GEO. LE BOUTILLIER. I.D. Rich velvety red 8"	18.00
MRS. I. DE VER WARNER. F.D. Lilac rose 8"	18.00
RED JERSEY. F.D. Rich red 8"	20.00
ROSE GLORY. F.D. Deep rose pink 9"	20.00
SILVERETTA. C. Lilac Salmon-Rose 9"	18.00
THE COMMODORE. I.D. Yellow. 9"	18.00
WATCHUNG GIANT. I.D. Yellow blending to orange 12"	18.00
WHITE KING. F.D. Pure white 8"	18.00

MINIMUM ORDER—25 OF A VARIETY

GLORIOSA ROTHSCHILDIANA

Climbing Lily for Cut Flowers

F.O.B. Florida

A profusion of brilliant red and yellow flowers. Requires three to four months to bloom.

Large size tubers

Per 100
\$60.00

See Page 64 for Colored Page

Illustrating Begonias in Peat Pots for resale.

Fancy Leaf Caladiums

Available now through June. Write for Descriptive Color Folder.

Listed below are the choicest varieties of Fancy Leaved Caladiums that we have in adequate supply.

- AARON.** Creamy white center, green border.
ACE OF HEARTS. Dwarf, bright rose leaf with green border, scarlet ribs.
APPLE BLOSSOM. Pink leaves, green blotches, green border.
AVALON ROSE. Rose center with red spots, moss green border.
EVERY MAY. New. Bluish red center with pink spots.
CANDIDUM. White with green veins.
CAROLYN WHORTON. Multi-colored leaves with purple hue.
CRIMSON WAVE. Crimson with dark green border.
DR. GROOVER. Transparent pink, green border.
DUKE. Red center, green border.
EDITH MEADE. White with green border, red midribs.
EDNA. Shiny wine red leaves.
EXPOSITION. Bright crimson, scarlet ribs, dark border.
FANNIE MUNSON. Bright crimson, scarlet ribs, green border.
FESTIVA. Similar to Lord Derby, but with red leaves.
FRED BAUSE. Bluish red leaves, green border.
***FREIDA HEMPLE.** Bright red center, green border. Many leaves.
IRENE DAHLBERG. White leaf with pink hue, green border.
ITACAPUS. Dark red with bright red spots.
JESSIE THAYER. Flushed pink and white red veins.
JOHN PEED. Bright red center, green border.
KATHLEEN. Salmon pink leaves, green border.
LADY IN RED. Deep red with deeper red ribs, green border.
LORD DERBY. Transparent rose, dark ribs and green border.
MACAHYBA. Bronze leaves with green and red rays, large pink and white splashes.
MARIE MOIR. White with red spots, green border.
MISS CHICAGO. Beautiful pink. Very popular.
MISS DALLAS. Similar to Pink Cloud, but not so tall.
MISS SYLVIA PIERCE. Cerise center, dark green border.
MRS. ARNO NEHLING. Bronze leaves turning white, with pink hue. Scarlet ribs.
MRS. F. M. JOYNER. White with pink hue, scarlet midribs.
MRS. F. SANDERS. Dark green leaf, blotched with deep rose.
MRS. W. B. HALDERMAN. Red center, narrow green border.
PINK BEAUTY. Pink leaves, green border, bushy.
PINK CLOUD. Crumpled leaf, mottled pink.
***POECILE ANGLAIS.** Deep crimson, metallic green border.
RED ENSIGN. Bright metallic red, green border, bushy.
RED FLARE. Scarlet, blotched with green. Extra good pot plant.
RICHARD DECKARD. Rose with scarlet ribs, tan border.
ROSEBUD. Dwarf. Rose leaf, green border.
SCARLET PIMPERNELLE. Scarlet center, straw colored border.
SEAGULL. White lacy network on green background.
SPANGLED BANNER. Dark red leaf, heavily spotted pink.
STOPLIGHT. Bright red turning pink, green border.
SUNBURST. Bright red center with red spots, green border.
TEXAS BEAUTY. Bronze, heavily splotched with pink, red ribs.
THOMAS TOMLINSON. Bright red, green border, very bushy.
T. L. MEADE. Bronze red leaves, bright red midribs.
TOM THUMB. Tan leaf with white center, scarlet ribs, dwarf.
***WHITE CHRISTMAS.** Solid white between green midribs, green border.

*Leading Greenhouse varieties.

PRICES—ALL WHOLESALE CALADIUMS F.O.B. FLORIDA

	100	1000
No. 2 Size 1-1½ inch.....	\$ 9.00	\$ 75.00
No. 1 Size 1½-2½ inch.....	15.00	135.00
Jumbo 2½ inch-3½ inch.....	27.50	250.00
Mammoth 3½ inch and Up.....	35.00	325.00

STRAP LEAF VARIETIES

Most Strap Varieties Do Not Produce Jumbos and Mammoths.

- BECKY SHEPPARD.** New. Rose pink leaves, light green border.
BLUE DANUBE. New bluish red frilled.
CALOOSAHATCHEE. White leaf, green border.
DUTCH FRILL. Dark red leaves, green border.
E. O. ORPET. Bright red narrow leaf.
PINK GEM. Pink and white leaves with bronze green border.
POTHOS. Green, yellow and white mottled leaves.
RED FRECKLE. Moss green leaf, light pinkish center, with red dots.
RED FRILL. Rose leaves, green border.
ROSALIE. Shiny red leaves with green border.
ROSE FRILL. Rose leaves, green border.
ROSE MARIE. Pink with green border.

Display FANCY LEAVED CALADIUMS



Caladiums are colorful all summer. They can be planted in beds, borders and used very effectively in hanging baskets or window boxes. Start indoors in Val Peat Pots and plant out after danger of frost is over. Ideal for semi-shade or shady places.

Colored display 25"x12"x19" high.

Display contains 150 bulbs; No. 1 size bulbs. 25 each of 6 popular named garden varieties including Candidum.

Complete with colored pictures of each variety and cultural Instruction.

SHIPMENTS

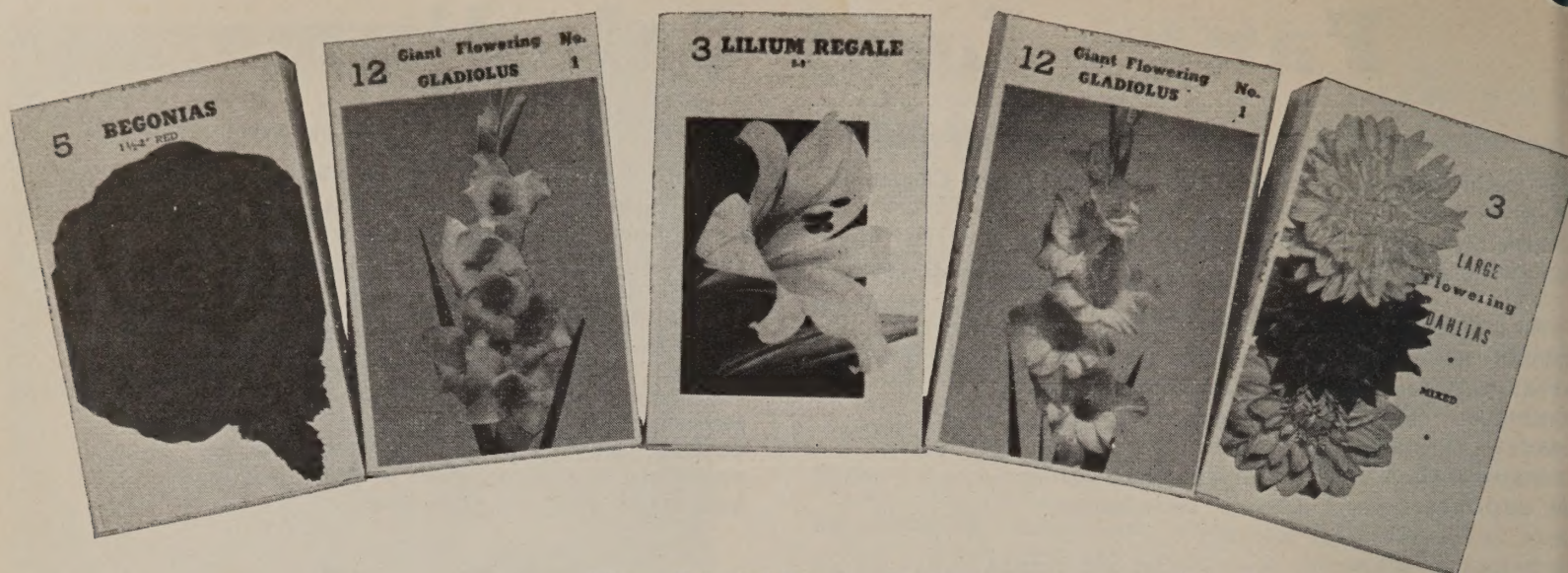
Available January thru June

Southern shipments can be made as requested. Recommend March or April shipments for Midwest.

• Excellent Profit

• Self Selling

Price F.O.B. Florida. Approx. wt. 24 lbs.
\$24.00 PER BOX



These Colorful Display Boxes—
with Acetate Window in the Back Are Quick Sellers

Quick Profits, No Waste, in Modern Packaged Bulbs

These full color packages sell themselves, and save you spoilage losses. Customers will pick them off the counter even when they had no idea of buying when they came in.

Your sales will increase, and your losses from damaged bulbs will disappear. The boxes are specially designed to protect the bulbs from mildew and dust while admitting air which prevents shrinkage and decay.

Customers can see the bulbs through windows in the back, and see the flowers brilliantly pictured in color on the front of the packages. But they cannot touch them, or pick them over, so there are no unsalable culls left to throw away at the end of the season.

Varieties are kept separate, preventing accidental mixtures such as occur in open bins. Your customers get the varieties they want protected from drying out and mechanical injury.

You do not have to buy a set assortment (often based on what importers have in surplus). Instead you can order exactly the varieties your trade will buy.

Make up your own assortment—one variety or as many as 24 varieties in each carton.

Our suggested retail price is \$1.00.

Make Your Own Selection

Bulbs Per Pkg.	Per Pkg.	Bulbs Per Pkg.	Per Pkg.
12 Acidanthera Bicolor Murielae, 8-10 Ctm.....	\$0.50	14 Gladiolus, mixed #1 size 1½ and up.....	\$0.50
2 Amaryllis large size.....	.50	12 Gladiolus, separate colors (10 available) #1 size 1½" and up	.50
5 Begonia 1½-2 inch mixed 4 colors.....	.50	2 Ismene.....	.50
3 Caladium Fancy Leaf #1.....	.50	2 Regale Lily 7-9 inch.....	.50
3 Calla, pink 1½-2 inch.....	.50	3 Rubrum Lily 7-9 inch.....	.50
3 Calla, yellow 2-2½ inch.....	.50	5 Tuberosa, Double Pearl.....	.50
3 Dahlias (large tubers) mixed or 4 colors.....	.50		

PACKAGED 24 BOXES TO A CARTON

NEW! DAHLIA DISPLAY CASE

150 TUBERS—25 EACH—6 COLORS

Large Flowering Types

Attractive Full Color

TUBERS WAXED FOR LONG COUNTER LIFE, PICTURES ON LID

\$22⁵⁰ per case

SELL A 3 FOR \$1.00
MORE THAN DOUBLE YOUR MONEY

Leading Commercial Gladioli

MINIMUM ORDER 100 OF A VARIETY

BRIDAL ORCHID. Light Lavender.	100	1000
First Size	\$3.50	\$28.00
Second Size	2.50	22.00
ELIZABETH THE QUEEN. Fine ruffled lavender.		
First Size	3.50	28.00
Second Size	2.50	22.00
FLORENCE NIGHTINGALE. Ruffled Cream		
White. First Size	3.50	28.00
Second Size	2.50	22.00
FRIENDSHIP. Bright true pink. Early excellent florist cut flower. First size	3.50	28.00
Second size	2.50	22.00
GOLD. Real fine color Golden Yellow.		
First Size	3.00	26.00
Second Size	2.50	20.00
HANS VAN MEEGEREN. Golden yellow.		
First Size	3.50	28.00
Second Size	2.50	22.00
HOPMAN'S GLORY. Yellow. First Size	3.50	28.00
Second Size	2.50	22.00
JUNE BELLS. White. First Size	3.50	28.00
Second Size	2.50	22.00
MOTHER FISCHER. Finest new Ruffled White.		
First Size	3.00	26.00
Second Size	2.50	20.00
PROF. GOUDRIAN. Creamy White.		
First Size	3.50	28.00
Second Size	2.50	22.00
PHANTOM BEAUTY. Beautiful Soft, Shell Pink.		
First Size	3.50	28.00
Second Size	2.50	22.00

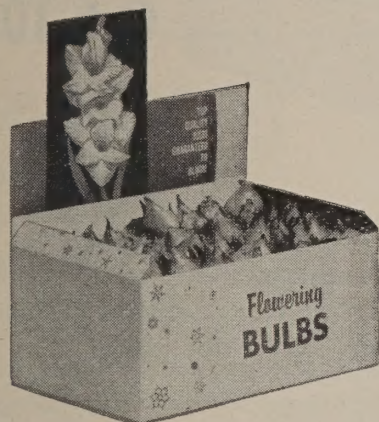
REGINA. Rich Amber Orange.	100	1000
First Size	\$3.50	\$28.00
Second Size	2.50	22.00
RAJAH. Ruffled Velvet Purple.		
First Size	3.50	28.00
Second Size	2.50	22.00
SAN SOUCI. Very large bright red.		
First Size	3.50	28.00
Second Size	2.50	22.00
SPIC & SPAN. Bright pink. First Size	3.50	28.00
Second Size	2.50	22.00
VALERIA. Best red. First Size	4.00	30.00
Second Size	3.00	24.00
WHITE FRIENDSHIP. Sport of Friendship early and tall. First Size	8.50	75.00
WILD ROSE. Rose Pink. First Size	3.50	28.00
Second Size	2.50	22.00
GLADIOLUS—Mixed. All Good Standard Varieties. First Size	3.00	25.00
Second Size	2.50	20.00

ABOVE LISTED VARIETIES ARE BEST COMMERCIAL CUT FLOWER VARIETIES

S-309 ELCIDE 73. New fungicide for the glad grower. This material has proven to be one of the most effective control for fungus diseases including Fusarium. Use one pint to 50 gallons of water and dip the bulbs before planting.

16-oz.	\$ 6.00
Gallon	28.00
5-gal. Drum	138.75

500 Glads, 10 Varieties, and Display Boxes



\$18⁰⁰

Retails for Over \$37.00

F. O. B. Chicago

You get 10 of these colorful Display Boxes measuring 9 in. wide, 8 in. deep, and 5 in. high.

Vaughan's Gladioli

Are famous. For Years They Have Been Nationally Advertised.

We use **HEAVYGRADED BULBS**, 1½"-2", the size which sells best over the counter. The price to you is \$18.00 for the 10 boxes and 500 bulbs of 10 named varieties. You retail them for 90c a dozen, or more, because the selection is worth it, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a box, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display boxes and first collection have been bought, refill orders will be accepted for \$17.00 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or \$32.00 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are pasted on each display box.

Cut Flower Lilies and Hardy Lilies for Dry Sales

JAPANESE GROWN GEORGIAS (ARAI #5)

	Case
6-8 (400 per case).....	\$45.00
7-9 (300 per case).....	45.00
8-10 (225 per case).....	48.00
9-10 (200 per case).....	48.00
10-11 (100 per case).....	48.00

LILIUM GIGANTEUM

	Case
7-9 (300 per case).....	\$48.00
8-10 (225 per case).....	48.00
9-10 (200 per case).....	50.00

SPECIOSUM RUBRUM MAGNIFICUM

Flowers are of good substance; will last a long time and do not all open at once. The color is white with pink and crimson shading, spotted with red.

	Case
7-9 inches (250 bulbs to case).....	\$40.00
8-9 inches (200 bulbs to case).....	40.00
9-10 inches (140 bulbs to case).....	40.00
9-11 inches (125 bulbs to case).....	40.00
11-13 inches (90 bulbs to case).....	40.00

LILIUM REGALE

White Trumpet flowers—most popular outdoor trumpet lily. Pink fringe on outer edges. Flowers in July on 5-foot stems.

	Case
6-7 inch (300 per case).....	\$35.00
7-8 inch (250 per case).....	35.00
8-9 inch (200 per case).....	35.00
9-10 inch (150 per case).....	35.00

AURATUM—GOLD BANDED

	Case
8-9 inches (200 per case).....	\$35.00
9-11 inches (125 per case).....	35.00
11-13 inches (90 per case).....	35.00

ALBUM (WHITE RUBRUM)

Reflexed pure white flowers increasing in popularity. We have a very clean and vigorous American grown stock.

	Case
7-8 inches (250 per case).....	\$60.00
8-9 inches (200 per case).....	80.00
9-10 inches (150 per case).....	72.00



LILIUM REGALE

Cash In On Hardy Lily Demand

Case of 150 Bulbs \$35.00



**F. O. B.
CHICAGO**

**Shipment
Oct. 10th**

Fastest growing hobby flower in America today is the hardy Lily. Hundreds of magazine articles during the past year have created hundreds of thousands of prospects.

You can cash in on this tremendous potential demand with our modern hardy Lily merchandising unit. All you do is open the lid and you are in the Lily business. The case itself is the display, complete with gorgeous full color illustrations. There are no losses: bulbs remain until sold in storage peat.

Your customers will be delighted to sell themselves out of this compact, self-service unit.

LILY DISPLAY CASE CONTAINS

All Bulbs 8 to 9 inches in circumference

- 50 Regale
- 25 Orange Triumph
- 25 Umbellatum
- 25 Tigrinum
- 25 Rubrum

Retail at 40c each
Selling Total \$60.00
Cost 35.00

Profit \$25.00

150 Total

Instant Glamour Garden Mum Collections



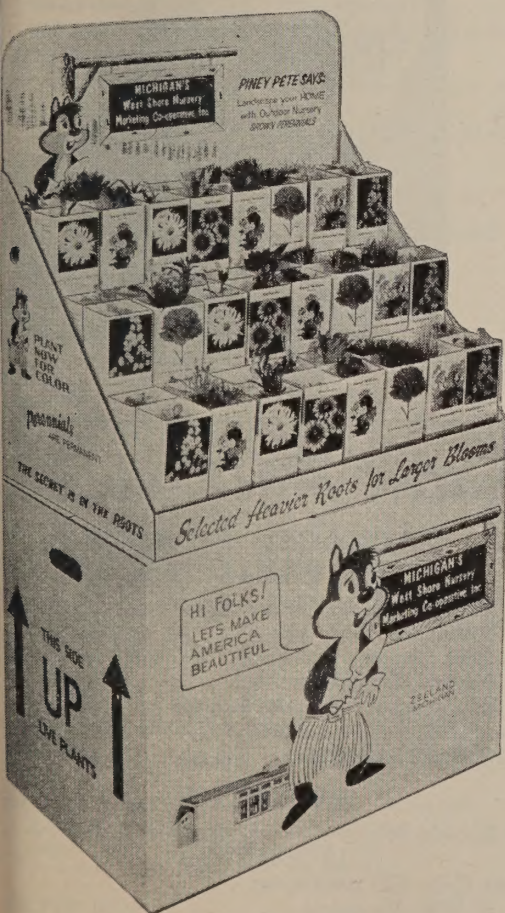
**COMPLETE
WITH COLOR DISPLAY
CHART AND GARDENERS
CULTURAL INSTRUCTIONS**

FREE

—WITH INITIAL ORDER
FOR 10 CASES OF PLANTS!

DISPLAY COUNTER

Holds 48 plants—only re-
quires space 15"x24". May
be used for counter or island
display.



**A COLLECTION OF 16 NAMED VARIETIES INCLUDING DAISY
AND SPOON TYPES, CUSHION MUMS, POMPONS AND LARGE
DECORATIVES.**

Collections—Rooted Cuttings (F.O.B. Toledo, O.)

COLLECTION A—(25 each 16 varieties) 400 cuttings for \$35.00.

COLLECTION B—(50 each 16 varieties) 800 cuttings for \$70.00.

The cuttings are fine for those having greenhouses or facilities for potting to grow on for resale. Delivery, January thru May. Specify delivery date.

Collections—2 1/4" Peat Pots (F.O.B.) Toledo, O.)

COLLECTION C—200 Garden Mums 2 1/4" for \$30.00.
25 each 8 named varieties balanced assortments.

COLLECTION D—400 Garden Mums 2 1/4" for \$60.00.
25 each 16 named varieties balanced assortments.

These 2 1/4" peat pot Mum plants are the best way to stimulate spring sales of Garden Mums. No check or transplanting shock as gardener plants pot and all.

Delivery, April thru June 15th. These 2 1/4" peat pot plants should be ordered early to insure delivery date desired.

DELIVERY DATE MUST BE SPECIFIED

Packaged Perennials

Planting Instructions And 4-Color Pictures

Four Assortments made up of the most popular and better perennials. Each case has 4 plants of 6 different varieties so that it will not be necessary to display more than 2 or 3 cases at one time if space is limited.

ASSORTMENT—1	ASSORTMENT—2	ASSORTMENT—3	ASSORTMENT—4
4 Delphinium	4 Delphinium	4 Double Hollyhock	4 Sweet Williams
4 Shasta Daisy	4 Carnations	4 Baby's Breath	4 Phlox
4 Canterbury Bells	4 Phlox	4 Columbine	4 Lupines
4 Phlox	4 Foxglove	4 Hardy Asters	4 Red Hot Pokers
4 Cushion Mums	4 Oriental Poppies	4 Lily of the Valley	4 Fern Leaf Bleeding Heart
4 Coreopsis	4 Painted Daisy	4 Candytuft	4 Veronica

PRICE LIST

Assortments (24 plants per case) (Minimum order 2 cases) . . . **\$5.00** per case
5 or more Assortments (24 plants per case) **\$4.80** per case



Boost Sales—Everything in Full Color—

PACKAGED FOR LONG SHELF LIFE AND GARDEN PERFORMANCE



Cannas—Large Flowering

PACKAGED CANNAS

Packaged Cannas have proven to be one of the fastest moving Spring items, and have an exceptionally long shelf life. Each package has 3 bulbs of the same color. Colors available are Red, Pink & Yellow.

Each package contains 3 canna bulbs of one color. Packed 12 packages of red cannas 12 packages of yellow cannas and 6 packages of pink.

Case of 30 packages.....\$13.25
(F.O.B. MISSOURI)

Packaged Strawberry Plants

A NATURAL for counter sales. Plants are rolled in a moisture-sealed film separator and remain longer in a prime condition. For best results fresh plants should be re-ordered each 2 or 3 weeks. Normal shelf life about 3 weeks.

25 strong plants per package available in a large selection of varieties.

STRAWBERRY VARIETIES JUNE BEARING

Armora , midseason	Pocahontas , midseason
Aroma , midseason	
Blakemore , early	Premier , early
Dixieland , early	Robinson , midseason
Dunlap , early	
	Tenn. Beauty , midseason

EVERBEARING

Streamliner	Superfection
Gem	

All plants listed are grown from **VIRUS FREE** foundation stock, and have been twice inspected.

JUNE BEARING

Any variety, (not mixed)..... \$16.00

EVERBEARING

Any variety, (not mixed)..... 25.00

SPECIAL ASSORTMENT "A", 10 pkgs. ea., 3 Spring bearing var.

16.25

SPECIAL ASSORTMENT "B", 5 pkgs. ea. of all 3 everbearing var.

5 pkgs. ea., 3 Spring bearing var.

21.25

(F.O.B. MISSOURI)



Daylilies (Hemerocallis) Easy to Grow

Daylilies thrive almost anywhere, in full sun or partial shade. For those "hard to grow" places and wherever bright color spots are desired in the garden, these plants provide abundant blooms from spring to fall. Not bothered by disease or insect pests. Plant 18 to 24 inches apart, just deep enough to cover root crown (where roots and foliage meet) with one inch of soil. Plant fall or spring. Divide clumps every two or three years. Fertilize twice a year, spring and fall.

Packaged Daylilies

Each package contains 2 plants of one color. Packed with 6 packages each of the following colors: Yellow, Copper-orange, Deep maroon, Cerise red, and Red & Yellow Bi-color.

Case of 30 packages.....\$15.75

(F.O.B. MISSOURI)



Peonies in Illustrated Package

Strong divisions, 3 to 5 eyes.

In Polyethylene, packed tightly in a generous supply of black peat.

Planting instructions on wrapper.

Large package (1 lb.). Packed to last through the entire season.

Foil topped to eliminate light and add glamour.

Full color wrapper over sturdy fiber spiral wound tube.

PACKAGED PEONIES BY VARIETIES

6 Karl Rosenfield (red)
6 Mons Jules Elie (pink)
6 Felix Crousse (scarlet)
6 Festiva Maxima (white)
6 Edulis Superba (bright pink)

Per Case (30 packages).....\$15.75
(F.O.B. Missouri)

BY COLOR

6 Double White 12 Double Red
12 Double Pink

Per Case (30 packages).....\$14.00
(F.O.B. Missouri)



These listings of foliage plant sources are made for your convenience to eliminate several shipments of one order, as no one source grows a complete listing. Please indicate source when ordering.

Most growers will charge 50c per carton for packing. 25 at 100 rate. 250 at 1000 rate. On all orders for less than \$10.00 from one source there will be a service charge of \$1.00 except where noted otherwise.



TRADESCANTIA FUSCATA (D)



PHILODENDRON CANNIFOLIUM (D)

SOURCE A—FOB CALIFORNIA

ROOTED CUTTINGS	100	1000
ARALIA SIEBOLDI.....	\$7.50	\$65.00
BUXUS Japonica (Boxwood).....	7.50	65.00
CISSUS Anartica, large tropical looking leaves.....	7.50	65.00
CRASSULA Aborescens, R.C.....	6.00	50.00
Variegated, R.C.....	8.50	75.00
EUONYMUS MEDIO PICTA (Gold Spot) small leaves bright yellow with green border.....	8.50	75.00
Alba Marginata—grayish green leaves, white edge.....	7.00	60.00
Silver Queen—green leaves, white variegation.....	7.50	65.00
FATSHEDERA Lizei.....	8.50	75.00
IVY Algerian. Large dark green leaves.....	4.50	40.00
California. Compact small green fan shaped leaves.....	6.00	50.00
English. Medium sized leaves.....	4.00	35.00
Glacier. Small ivory and green variegated.....	8.50	75.00
Gold Dust. Small golden yellow and green leaves.....	7.00	60.00
Golden Heart. Green with yellow center.....	6.00	55.00
Hahn's Branching. Small green leaves.....	4.00	35.00
Ripple. Compact, small dark green leaves.....	5.50	50.00
Shamrock. Small leaves and growth like a Shamrock.....	8.50	75.00
Sweetheart. Small heart shaped leaves.....	8.50	75.00
Variegated. Medium sized leaves ivory and green.....	6.50	55.00
VITIS RHOMBIFOLIA. (Grape Ivy).....	7.00	60.00
PITCOSPORUM TOBIRA—Small evergreen shrub 3-6".....	7.00	60.00
SARCOCOCA RUSCIFOLIA. Very dark green, glossy leaves. Stands up very well inside—good for pots or planters.....	7.50	65.00

SOURCE C—FOB FLORIDA

PHILODENDRON TOTEM POLES (case lots only)

	Size	Pot	Per Case	Each
Cordatum	30" round on fernwood	6"	8 in pots	\$2.00
"	40" round on fernwood	7"	6 in pots	\$3.00
Florida	30" one side on bark	7"	6 in pots	\$3.50
Hastatum	30" " " " "	7"		
Lacineatum	30" " " " "	7"		
Pertussum	30" " " " "	7"		
Florida	36" one side on bark	8"	4 in pots	\$5.00
Lacineatum	36" " " " "	8"		
Pertussum	36" " " " "	8"		
Florida	40" one side on bark	9"	3 in pots	\$6.50
Hastatum	40" " " " "	9"		
Lacineatum	40" " " " "	9"		
Pertussum	40" " " " "	9"		
Florida	40" both sides on bark	9"	3 in pots	\$7.50
Hastatum	40" " " " "	9"		
Lacineatum	40" " " " "	9"		
Pertussum	40" " " " "	9"		

SOURCE D—(\$1.00 min. charge on all orders less than \$20.00) FOB FLORIDA

PHILODENDRONS	BR for 2½"	3"	4"	6"
Burgundy—New hybrid highly resistant to cold, "shot-gun fungus," and bacterial soft rot. Excellent for totems or pots.....	.25	.60	1.25	2.00
Cannifolium.....			1.00	1.50
Crenulatum—New, small split-leaf self header.....				1.25

SOURCE D—Continued

Emerald Queen—New hybrid Medium-sized hastatum-shaped leaves, very dark green, resistant to "shot-gun" spotting and bacteria. Excellent totem-pole item.....	BR for 2½"	3"	4"	6"
Florida—R.C., 2-4 lvs.....	.25	2pp .60	.75	1.50
Florida Compacta.....	.25	2pp .60	.75	1.50
Lacineatum—R.C., 2-4 lvs.....	.25	2pp .60	.75	3pp .75
Pittieri.....	.15	2pp .30	.40	.75
Selloum Type.....	.15	.40	.75	

" " Gal. Tin .75—Gal. plastic .85—Egg can 2.50
PHILODENDRONS—B.R. Seedlings: Large leaf varieties for dish gardens, one or more varieties, our choice, 250 minimum order—\$150/1,000.

PHILODENDRONS—Totem-Poles: Includes Emerald Queen, Florida, Lacineatum, Pertussum, Hastatum hybrids, and a brand new much improved Mandaianum hybrid. A few misc. varieties in limited numbers.
5" plastic, 15" slab—1.00 6", 30" slab—2.00

Burgundy—6", 30" slab 3.00; 8", 36" slab—6.00

PHILODENDRON COLLECTIONS:

#1—20 plants out of 4" pots—8 or more species & hybrids.....\$20.00
#2—35 plants out of 3" pots—8 or more species & hybrids..... 20.00
#3— 9 totems in 5" plastic, 15" slabs—our selection..... 10.00

MISCELLANEOUS:

AGLAONEMA Picta—Small, wide-leaved variety with velvety, deep green foliage/ highly variegated. R.C., 30c; 3 inch, 60c.

Pseudo-Bracteatum—Outstanding new introduction. Beautiful variegation on light green foliage. This is the true Pseudo-Bracteatum with white stems and petioles. R.C., 50c; 4 in., \$1.00; 6 in. 3pp, \$2.00.

Treubii—One of the best keepers under dark, adverse conditions.
R.C., 8 to 12 in., 35c; 3 in. full, 60c; 4 in. full, \$1.00; 6 in. full, \$2.00.

CACTI, Thanksgiving—Blooms November through March.

2¼ inch plastic unbranched, 35c; 2¼ inch plastic branched, 50c.

DRAENA

Gracilis (Marginata)—2½ in., 45c; 3 in., 60c; 4 in., \$1.00; 6 in., \$1.50 to \$2.00.

HOYA CARNOSA Variegata—R.C., 10c; 2¼ in. plastic, 18c.

NEOREGELIA Carolinea—2¼ in., 75c; 3 in., \$2.00; 4 in., \$4.00.

PLATYCERIUM (Staghorn fern)—Standard varieties—Use as a hanging plant. Excellent for mounting on plaques or in baskets.
3 in., \$1.50 (50 or more @ \$1.25); 6 in., \$3.25; Redwood basket, \$5.00.

TRADESCANTIA FUSCATA—Recent commercial introduction. Non-vining, rosette shaped, velvety textured, highly colored. Grows under very dark conditions without pulling to light or losing color. R.C., 25c; 3 inch, 60c.

TRICHOSPORUM Pulchrum—R.C., 7½c; 6 inch full pot, \$2.00.

Splendens—Medium sized waxy leaves, free flowering; bears a pendant head of tubular orange flowers. R.C., 15c; 2½ inch, 25c; 6 inch full pot, \$2.00.

VRIESIA Splendens ("Flaming Sword")—Dark green Bromeliad with dark horizontal bars which appear even on juvenile plants.
2¼ inch plastic, 75c; 3 inch, \$2.00; 4 inch, \$4.00.

FOR GREEN THUMBS, COLLECTORS, AND CARRIAGE TRADE:

ANTHURIUM Andreanum—3 inch, 75c; 4 inch, \$1.25; 6 inch, \$2.50.

Scherzerianum—2¼ inch, \$1.00; 3 inch, \$2.00; 4 inch, \$3.00.

DRAENA Goldieana—4 inch, \$5.00.

PHILODENDRON Florida, variegated—3 inch, \$1.50; 4 inch, \$2.50.

Pertussum, variegated—3 inch, \$1.50; 4 inch, \$2.50.

MEDINILLA Magnifica—4 inch, \$2.50.

RHEKTOPHYLLUM Mirabile—3 inch, \$1.00; 4 inch, \$1.50.

Packing Information: Usually, the following are packed per carton:

2 inch—100	5 inch totems—9	Gallon can—6
2½ inch—55	6 inch—8 to 10	Egg can—2
3 inch—35	6 inch totems—6	R.C. 2 to 4 leaves—100 to 150
4 inch—20 to 25	8 inch totems—4	B.R. for 2½ inch—150 to 250


PHILODENDRON
3"

PANDURAEFORME
(E-F-H-MA) 4"

PODOCARPUS
(E-F-J)

SOURCE E—FOB FLORIDA

100

Packing Charge 50c Per Carton On All Orders Under \$62.50.

AGLAONEMA Commutatum , 2 1/4", 4-8 lvs.	\$25.00
R.C., 4-8"	20.00
Simplex (Chinese Evergreen), 3-5", 3-5 lvs., R.C.	8.75
4-6", 4-6 lvs., R.C.	11.25
5-7", 4-7 lvs., R.C.	15.00
6-8", 5-7 lvs., R.C.	18.75
8-10", 6-8 lvs., R.C.	25.00
12-15", 6-9 lvs., R.C.	35.00
2 1/4", 3-6 lvs.	15.00
DIEFFENBACHIA Amoena 4" 3-5 lvs.	90.00
R.C., 12-15"	70.00
DIEFFENBACHIA Exotica , R.C., 3" size.	30.00
3" 4-6 lvs.	50.00
4", 5-7 lvs.	75.00
Picta R.C., 3" size.	20.00
3" 4-8 lvs.	35.00
4" 5-7 lvs.	75.00
Roehrsii , 3", 4-8 lvs.	40.00
R.C., 6-10"	30.00
4", 5-7 lvs.	75.00
DRACAENA FLORIDA BEAUTY , R.C., 2-3 tiers.	13.00
Single 2 1/4", 2 tiers.	20.00
3", 2pp.	40.00
4", 3pp.	75.00
DRACAENA Godseffiana , R.C., 2 tiers.	10.00
2 1/4", 4-6 lvs.	15.00
Sanderiana , R.C., 4-8"	15.00
2 1/4", 5-8 lvs.	20.00
MARANTA Kerchoviana , R.C., 3-5 lvs.	7.50
2 1/4", 4-8 lvs.	15.00
NEPHTHYTIS Emerald Gem , R.C., 3-5 lvs.	6.00
2 1/4", 4-7 lvs.	10.00
Green Gold , R.C., 3-5 lvs.	6.00
R.C., 3-5 lvs. (orders 500 & up)	5.50
2 1/4", 4-7 lvs.	15.00
Imperial White , R.C., 3-5 lvs.	6.00
2 lvs.	3.50
2 1/4", 4-6 lvs.	15.00
3-5 lvs.	5.00
4-8 lvs.	8.00
PALM Neanthe Bella , 2 1/4", 4-6 lvs.	15.00
Seedling, 1 leaf. per 1000	12.50
Seedling, 3-5 lvs.	5.00
PEPEROMIA Marble , R.C., 3-5 lvs.	7.50
Variegata , R.C., 3-5 lvs.	10.00
2 1/4", 5-8 lvs.	15.00
Obtusifolia , U.R.C.	3.50
R.C.	6.00
2 1/4", 5-8 lvs.	10.00
PHILODENDRON Cordatum , R.C., 3-5 lvs.	6.00
R.C., 3-5 lvs. (orders 500 & up)	5.50
R.C., 2-3 lvs.	4.00
2 1/4", 3-4 plts.	16.00
3", 3pp.	20.00
4", 4pp.	30.00
Florida , 3", 2 plts.	60.00
4", 2 plts.	75.00
Rooted Tips, 3-5 lvs.	25.00
Hastatum , 3", 3-5 lvs.	50.00
4", 4-6 lvs.	75.00
R.C., 3-5 lvs.	20.00
Panduriforme , 3", 6-8 lvs., 2pp.	50.00
4", 8-12 lvs., 3pp.	75.00
Baby, R.C., 3-5 lvs.	10.00
Med. R.C., 3-5 lvs.	15.00
R.C., 3-5 lvs. Med. Large.	40.00
Pertussum , 3", 4-5 lvs.	50.00
4", 4-6 lvs.	75.00
4" doubles, 6-8 lvs.	90.00
PILEA Cadierei , R.C., 4-7 lvs.	5.00
2 1/4", 5-8 lvs.	15.00
PODOCARPUS MAKI 2 1/4"	10.00
R.C., 4-6" or 6-8"	6.00
POTHOS Wilcoxii , R.C., 3-5 lvs.	6.00
2 1/4", 4-6 lvs.	10.00
3", 3 plts.	25.00
R.C., 3-5 lvs.	10.00
Silver Marble , R.C., 3-5 lvs.	10.00
SANSEVERIA Laurentii , 4-6", 2 lvs.	7.00
6-8", 2 lvs.	7.00
8-12", 2 lvs.	7.00
12-15", 2 lvs.	7.00
15-18", 2 lvs.	7.00
Zeylanica , 4-6", 2 lvs.	4.50
6-8", 2 lvs.	4.50
8-12", 2 lvs.	4.50
12-15", 2 lvs.	4.50
15-18", 2 lvs.	4.50
Hahnii , Bare root for 2 1/2"	8.00
SCHEFFLERA , Seedlings, 4-6 lvs.	5.00
Packing 2 1/4"—100 per carton 4"—25 per carton 3"—50 per carton	



STAGHORN FERN (D)

AGLAONEMA TREUBII (D)
Fine for dark locations

SOURCE F—FOB FLORIDA

	100	1000
MARANTA Kerchoviana , U.R.C.	\$5.50	\$50.00
R.C.	8.00	75.00
NEPHTHYTIS Emerald Gem , 3-5 lvs.	5.50	50.00
2 1/4"	18.00	.....
Green Gold , 3-5 lvs.	6.00	55.00
2 1/4", 3pp.	18.00	175.00
Imperial White , 3-5 lvs., R.C.	6.50	60.00
PEPEROMIA Green , U.R. Tips, 3-5 lvs.	4.00	30.00
R.C., 3-5 lvs.	6.00	55.00
Variegata , R.C., 3-5 lvs.	11.00	100.00
PILEA Dwarf , R.C.	6.00	50.00
PHILODENDRON Cordatum , R.C., 2-4 lvs.	5.00	40.00
R.C., 3-5 lvs.	6.00	50.00
2 1/4" Pot, 3 plts.	18.00	175.00
3" Pot, 3-5 pp.	22.50	200.00
PHILODENDRON LARGE LEAF:		
Dubium , 3" Pot.	50.00	450.00
4" Pot.	70.00	650.00
Floridii , R.C., 2-3 lvs.	20.00	175.00
R.C., 3-5 lvs.	22.50	200.00
3" Pot, 2 ppp.	50.00	450.00
4" Pot, 3 ppp.	75.00	700.00
Hastatum , 3" Pot.	50.00	450.00
4" Pot.	80.00	750.00
Rooted Tips, 3-5 lvs. small.	20.00	150.00
Rooted Tips, 3-5 lvs., 4" size.	35.00	300.00
Monstera , Rooted Tip, 4" size.	85.00	.....
Rooted Tip, 6" size.	100.00	.....
4" Pot, 3-5 lvs.	100.00	.....
6" Pot, 5-6 lvs., 2 pp.	175.00	.....
Panduraeforme , 3" Pot, 2 plants.	42.00	400.00
4" Pot, 3 plants.	70.00	650.00
R.C., 3-5 lvs.	11.00	100.00
Rooted Tip, 3-5 lvs.	16.00	150.00
Rooted Tip, Large leaves, 4-6.	22.50	200.00
Pertussum , Rooted Tips, Medium, 4-5 lvs., 4" Pot size.	70.00	650.00
Rooted Tips, Large, 4-5 lvs., 4 to 6" Pot size.	95.00	900.00
3" Pot, 3-4 lvs.	50.00	450.00
4" Pot, 4-5 lvs.	75.00	700.00
6" Pot, 2 pp, 6-8 lvs.	175.00	.....
8" Pot, 2 pp, 6-8 lvs. (4 per ctn.)	each 3.00	.....
PODOCARPUS Maki , 4-6" Seedlings.	4.00	35.00
6-8" Seedlings.	4.50	40.00
2 1/4" Pot, 3 ppp.	17.50	150.00
PALM NEANTHE Bella , Seedlings, 1 1/2-2 lvs.	3.00	25.00
Transplants 2-3 lvs.	4.50	37.50
Transplants 3-5 lvs.	5.50	50.00
3", 3 pp.	20.00	.....
SANSEVERIA Laurentii , 2 lvs., all sizes.	8.00	70.00
3-5 lvs., all sizes 4-15"	13.50	125.00
Zeylanica , 3-5 lvs., all sizes.	8.00	70.00
2-2 1/2 lvs., all sizes.	5.50	45.00



CORDATUM on bark (C-H-MA)



PHILO. FLORIDA on bark (C-D-N)

SOURCE F—Continued

3" SQUARE, PLASTIC UTILITY GRADE
PACKED 50 PER CARTON

PHILODENDRON, Cordatum.....	3-4 ppp	100
DR. SANDERIANA, 6-8".....	1 ppp	
POTHOS, Wilcoxii.....	2-3 ppp	
PILEA, Dwarf or Regular.....	3 ppp	
SANSEVIERIA, Zeylanica.....	2 ppp	
PEPEROMIA, Green.....	2 ppp	
PALMS, Neanthe Bella.....	3 ppp	\$20.00
NEPHTHYTIS, Green.....	3 ppp	
NEPHTHYTIS, Variegated.....	3 ppp	
SANSEVIERIA, Laurentii.....	2 ppp	
PODOCARPUS.....	3 ppp	
MARANTA, Kerchoveana.....	2-3 ppp	
COMBINATION PLANTS.....	3 ppp	

Packing Charge of 50c per Carton.
5 or more cartons no charge.
R.C. 500 or more at 1000 rate.

SOURCE G—FOB FLORIDA (carton lots only) DRACAENA FLORIDA BEAUTY

This sport of Godseffiana is more highly colored than its parent and a faster grower

	Carton Pack	100
Routed Cuttings, 2-3 Tiers.....	(100 up)	\$12.50
Routed Cuttings, 2-3 Tiers.....	(250 up)	10.00
2 1/2", 2 plants.....	60	20.00
4" Tubs, 6 shoots or more.....	25	65.00

SAMPLE CARTON, 10-4" Tubs, 25-2 1/2" pots, 75 Routed Cuttings: For \$21.00.



REAR—DIEFFENBACHIA ROEHSII (E)
FRONT—DIEFFENBACHIA PICTA (E)



CALAMONDIN
ORANGE (JV)

SOURCE H—FOB FLORIDA

	10	100
DRACAENA FRAGRANS, U.R.C. small.....		\$20.00
4" pots.....	\$4.00	30.00
8" pots.....	Each \$3.00	
Massangeana, U.R.C. Small 4-5 lvs.....		22.50
Routed cuttings.....		30.00
3" pots.....	4.75	37.50
4" pots.....	7.50	65.00
Warneckii, U.R.C. Small 8-10 lvs.....		30.00
R.C.....		37.50
3" pots.....	5.50	45.00
4" pots.....	7.50	65.00
FICUS Decora, M.R.L.....	7.00	60.00
4" pots.....	12.50	100.00
Elastica, M.R.L.....	4.00	35.00
4" pots.....	5.50	50.00
Pandurata, M.R.L.....	8.50	75.00
4" Pots.....	12.50	100.00
8" Pots, specimen, 4 plants.....	Each \$3.50	
MONSTERA Deliciosa, U.R.C.....		45.00
4" Pots.....	10.00	95.00
6" Pots—Double.....	22.50	200.00
8" Pots—Double.....	Each \$3.00	
PHILODENDRON HASTATUM, U.R.C. Medium 4-5 lvs.....		25.00
R.C. Medium 4-5 lvs.....		30.00
3".....	5.00	40.00
4" Single.....	8.50	75.00
4" Double.....	10.00	95.00
6" Specimen.....	19.00	175.00
PHILODENDRON Mandianum, U.R.C., medium 4-5 lvs.....		25.00
R.C., medium.....		30.00
3" Pots.....	5.00	40.00
4" Pots, single.....	8.50	75.00
4" Pots, double.....	10.00	95.00

SOURCE H—Continued

Panduraeforme, R.C., Baby Pandas.....		10.00
R.C., medium.....		12.50
R.C., large.....		15.00
3" Pots, 2 plants.....	5.00	40.00
4" Pots, 3 plants.....	8.00	75.00
Pertussum, U.R.C., 3-5 lvs.....		50.00
Routed Tips, 4-5 lvs.....		75.00
4" Pots, single.....	8.50	75.00
4" Pots, double.....	12.00	110.00
6" Pots, double.....	Each \$2.00	
SPATHIPHYLLUM Kochii, R.C., 3-5 lvs.....		12.50
4" Pots, short.....	8.50	75.00
PHILODENDRON TOTEM POLES—Large leaved Cypress—1 side.....		
Each 24".....	2.00	
36".....	4.50	
48".....	6.00	
60".....	9.00	
Fernwood—2 sides.....		
Each 24".....	2.25	
36".....	7.50	
48".....	11.00	
PHILODENDRON CORDATUM ON POLES—Cypress—2 sides.....		
Each 24".....	2.00	
36".....	4.00	
48".....	5.50	
Fernwood—2 sides.....		
Each 24".....	2.25	
36".....	4.50	
48".....	5.75	
24"—9 per ctn.; 36"—4 per ctn.; 48"—2 per ctn.; 60"—1 per ctn.		

	Zeylanica	Laurentii
	100	1000
SANSEVIERIA. 6-9", 2 lvs.....	\$6.00	\$50.00
6-9", 2-3 lvs.....	7.00	60.00
6-9", 3-4 lvs.....	8.50	70.00
9-12", 2 lvs.....	6.50	55.00
9-12", 2-3 lvs.....	7.50	65.00
9-12", 3-4 lvs.....	9.00	75.00
12-15", 2 lvs.....	7.00	60.00
12-15", 2-3 lvs.....	8.00	70.00
12-15", 3-4 lvs.....	9.50	80.00
15-18", 2 lvs.....	7.50	65.00
15-18", 2-3 lvs.....	8.50	75.00
15-18", 3-4 lvs.....	10.00	85.00
18-24", 2 lvs.....	8.50	70.00
18-24", 2-3 lvs.....	9.50	80.00
18-24", 3-4 lvs.....	11.00	90.00
24-30", 2 lvs.....	9.50	80.00
24-30", 2-3 lvs.....	10.50	90.00
24-30", 3-4 lvs.....	12.00	100.00



PACKAGED CITRUS IN
DISPLAY (J)



PHILODENDRON
EMERALD QUEEN (D-N)

SOURCE J—FOB FLORIDA

CITRUS TREES IN DISPLAY CARTON

(PREPAID)

Color Packaged 2 1/2" Pot Grown 24 Color Packages per
Carton 12 Orange, 12 Lemon or 24 of either variety
No shipments to States of Texas, California, Arizona and
Louisiana

1 carton..... (.90 per pkg.).....	\$21.60 per ctn.
2 to 9 cartons..... (.85 " ").....	20.40 per ctn.
10 to 24 Cartons (.75 " ").....	18.00 per ctn.
25 to 49 Cartons (.70 " ").....	16.80 per ctn.
50 to 99 Cartons (.65 " ").....	15.60 per ctn.

FRUITED CITRUS

	Each	100
CALAMONDIN ORANGE		
2 1/2" pot with 2 or more fruit.....		\$35.00
Plastic Can with fruit.....	\$1.75	
3 gal. Lario can. Height 30-36" with fruit.....	4.00	
Egg can—Standard—Height 3-4', Top 18"-24" with fruit.....	6.00	
Height 3-4', Top 30-36" with fruit.....	7.50	
MEYER LEMON		
2 1/2" pot—No fruit.....		25.00
PONDEROSA LEMON		
2 1/2" pot—No fruit.....		25.00
4" pot—No fruit.....		65.00



HASTATUM ON BARK (C-H-MA-N)



SELLOUM (D-N-X)



PHIL. BURGUNDY (D)

SOURCE J—Continued

FICUS—NITIDA, PHILLIPSIS, AND RUBIGANOSA

Plantainer—24"—30"—Natural Growth.....	100.00
2 gallon can—Height 24"—Top 12"—15".....	2.00
Egg &/or Gallon Lario Can—Standard—	
Height 30"—36"—Top 20"—24".....	3.00
Height 48"—54"—Top 20"—24"—Nitida Only.....	4.00

PHILODENDRON Selloum. 4" pot—Height 10"—12"—Bushy.....	50.00
Plantainer—12"—18"—Bushy.....	75.00
Egg can &/or Lario can—30"—36".....	2.50

SCHEFFLERA. Plantainer—12"—15".....	75.00
Plantainer—18"—24".....	100.00
3 gallon Lario &/or Egg Can—36"—42".....	3.00
3 gallon Lario &/or Egg Can—48"—54".....	4.00

STRELITZIA REGINAE. 2½" pot, 5"-7".....	30.00
3" pot, 7"-10".....	50.00
4" pot, 10"-15".....	85.00
Plantainer, 3 years old, 18"-20".....	1.50
Plantainer, 4-5 years old, 18"-24".....	2.00
2 gallon can, 5 years old, blooming size.....	2.50
Egg can, 5 years old, blooming size, single plant.....	3.50
Larger plants, 2 or more divisions, priced at	
\$2.50 each additional division (example, 2 Division).....	6.00
15 gallon can Specimen Plants.....	17.50
WITH FLOWER SPIKE ADD 50c TO ABOVE PRICES.	

LIVISTONIA PALM (Chinese Fan)	
Gallon can 12"-15".....	1.25
Egg Can 24"-30".....	3.50

NEANTHE BELLA PALM 6" plastic pot (3 pts.) 24-30".....	1.50
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PHOENIX ROEBELNI PALMS	25.00
2½" pot.....	50.00
4" pot—10"-12".....	
Plantainer—12"-15"—Heavy.....	1.25
Egg can—18"-24"—Heavy.....	3.50
Egg can—30"—36"—Heavy.....	4.50
7 gallon—Heavy.....	12.00

PODOCARPUS MAKI	
2½" pot (cutting grown) 6"-10".....	\$20.00
Plantainer 12"-15", Bushy.....	\$1.25
Plantainer 18"-24", Columnar.....	1.25
3 Gal Lario can Ball Shape, 18" x 18".....	3.00
Height 24"-30", Columnar.....	3.00
Height 36"-42", Columnar.....	4.00

PITTOSPORUM Tobira Green	
2½" pot.....	20.00
Plantainer Grade #1.....	80.00

Tobira Variegated	
2½" pot.....	25.00
Plantainer Grade #1.....	100.00

Packing: 2½" pots.....	50 plants	Packing Charge: \$.50 per carton
4" pots.....	24 plants	on 4" pot through
Plantainer (Gallon).....	6 plants	Egg Can
3-Gal. Lario or Egg.....	2 plants	\$.50 each on 7-
Larger sizes.....	1 plant	gallon can.
		\$2.50 each for 15-
		gallon can.

SOURCE K—F.O.B. CALIFORNIA

CACTI and SUCCULENTS MINIATURE FOLIAGE PLANTS For Dishgardens and Novelty Planting

Collection No.	100	1000
A ALL-PURPOSE STANDARD. Cacti and Succulents; ten or more standard varieties in uniform good selection for general dish garden work or individual 2 to 2½-in pots.....	\$ 6.00	\$50.00
B ALL-PURPOSE SUPERIOR. Cacti and Succulents; includes the better, more durable and showier types of Succulents and Cacti, in 15 or more varieties. This is our most favored all around commercial assortment.....	7.00	60.00

SOURCE K—Continued

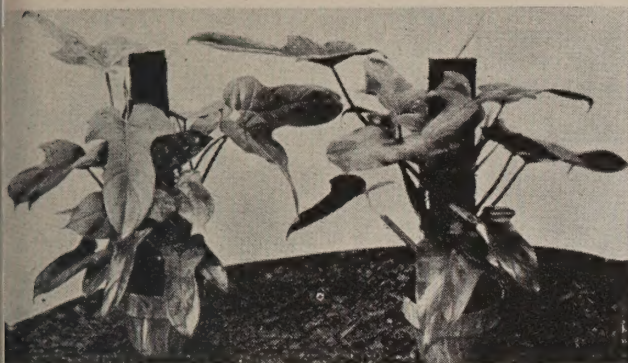
C ALL-PURPOSE CHOICE, Cacti and Succulents; limited to the more valuable, hard Succulents and most desirable Cacti, selected for keeping quality, odd shape and beauty..	9.50	85.00
F MINIATURES, Cacti and Succulents for tiny pots and miniature bowls.....	4.50	40.00
G MAMMOTH, Cacti and Succulents; the Standard assortment in larger sizes; branched, eared and generally showier plants—for larger arrangements or 2½-3-4 inch pots.....	15.50	
H ALL-SUCCULENT ECONOMY, ten or more varieties, useful and showy—an economical and colorful filler.....	5.00	45.00
K ALL-SUCCULENT FANCY, the harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color.....	8.00	70.00
M ALL-CACTUS COMMERCIAL, mostly Opuntias and Cereus—pad and column types—for a good showing at a low price.....	6.50	60.00
N ALL-CACTUS SELECT, various types of Cacti from cuttings and seedlings; globular, branched, eared, padded and columnar varieties in best selection.....	9.50	
P SUNSET COLLECTION for fanciers; fifty named varieties of Cacti and other Succulents such as Euphorbias, Haworthias, Echeverias, etc., and including all leading forms.....	9.50	
S SUB-TROPIC DIXIE ASSORTMENT, as favoured in New York, small Foliage plants with compatible Succulents and Sansevierias.....	9.00	80.00
T TERRARIUM ASSORTMENT, Miniature Foliage plants with Succulents suited to Glass Gardens.....	6.50	
V SMALL FOLIAGE PLANT ASSORTMENT. Usually made up of Billbergias, Variegated Ivy, Philodendron, Peperomia, Boxwood, Cryptanthus, Euonymus or similar plants suitable for Dish Gardens.....	10.00	90.00
PP POTTED PLANT ASSORTMENT, in 2¼" plastic pots, light-weight planter mix. 10 varieties Cacti and Succulents labeled. Carton lots only.....	17.00	

SMALL FOLIAGE PLANTS

	100	1000
ARALIA SIEBOLDII	\$ 7.50	\$65.00
BOXWOOD (Buxus japonica) bushy.....	8.00	70.00
EUONYMUS Silver Queen, (available summer-fall), rooted cuttings.....	7.50	65.00
EUONYMUS albo-marginata (available summer-fall), rooted cuttings.....	7.50	65.00
EUONYMUS Medio-pictus, gold center, rooted cuttings.....	7.50	65.00
EUONYMUS Assorted	7.50	65.00
FATSHEDERA LIZEI single eye r.c.....	8.00	70.00
IVIES:		
Hagenburger's Variegated cuttings.....	7.50	65.00
Golddust, yellow variegated, smalleaved.....	8.50	75.00
Glacier, highly variegated white, smalleaved.....	8.50	75.00
Green California, sturdy branching, smalleaved.....	6.00	55.00
Green Fan, hard, spread like a fan.....	7.50	65.00
Hahn's Selfbranching, smalleaved green.....	5.00	45.00
Jubilee, miniature white variegated.....	12.50	
Ivies. Assorted varieties	7.50	65.00
LIGESTRUM lucidum, wax leaf, good keeper.....	7.50	65.00
PEPEROMIA obtusifolia, green.....	8.00	
PITTOSPORUM tobira, leaves long, shiny green.....	7.50	65.00

On all orders for less than \$10.00 from one source there will be a service charge of \$1.00, except where noted otherwise.

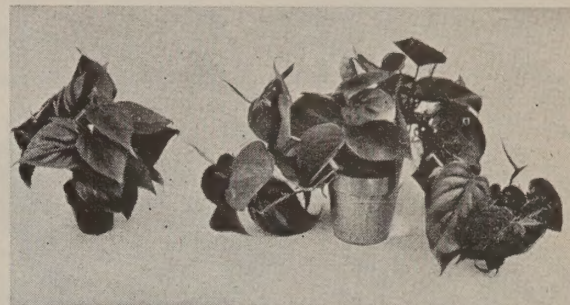
Vaughan's FOLIAGE PLANTS



PHILODENDRON PANDURIFORM on Pole (H-MA-N)



AGLAONENA COMMUTATUM (E)


 PHILODENDRON Cordatum Hanging Vine
2 1/4" (E-F-N-MA-X) 4" (X)

SOURCE M.A.—FOB FLORIDA

	Per 100	Per 1000
DRACAENA Sanderiana R.C.	\$16.00	\$150.00
2 1/2" Pots.	22.50	200.00
Warnecki Unrooted Tips.	20.00	187.50
3" Pots.	55.00	500.00
DIEFFENBACHIA PICTA 3" Pots.	40.00	375.00
Exotica 3" Pots.	45.00	437.50
FITTONIA (White Veined) 3" Pots.	27.50	250.00
HOYA Carnosa (Wax Plant) 2 1/2" Pots.	20.00	187.50
NEPHTHYTIS Green Gold R.C.	5.50	50.00
2 1/2" Pots (2 PPP).	16.00	150.00
3" Pots (3 PPP).	27.50	250.00
Emerald Gem R.C.	5.50	50.00
2 1/2" Pots (2 PPP).	16.00	150.00
NEANTHE Bella (Dwarf Palm) 2 1/2" Pots.	19.00	175.00
PLANT Combinations 3" Pots (3-4 PPP).	27.50	250.00
PILEA (Dwarf Aluminum) 2 1/2" Pots (2 PPP).	16.00	150.00
PHILODENDRON Cordatum		
R.C. 2-3 Leaf.	5.00	43.75
R.C. 3-5 Leaf.	5.50	50.00
R.C. 4-6 Leaf.	6.50	57.50
2 1/2" Pots (2 PPP).	16.00	150.00
2 1/2" Pots (3 PPP).	19.00	175.00
3" Pots (4 PPP).	27.50	250.00
4" Pots (6 PPP).	45.00	437.50
Panduriforme		
R.C. 4-6 Leaves, 12-18" Tall.	27.50	250.00
R.C. 3-5 Leaves, 10-14" Tall.	20.00	187.50
3" Pots, (2 PPP).	32.50	312.50
4" Pots, (2-3 PPP).	65.00	625.00
Imp. Velvet Leaf (MICANS), 2 1/2" (2 PPP).	20.00	187.50
Guttiferum, 2 1/2" (2 PPP).	27.50	250.00
POTHOS Wilcoxi		
2 1/2" Pots (2 PPP).	16.00	150.00
2 1/2" Pots (3 PPP).	19.00	175.00
3" Pots (4 PPP).	27.50	250.00
4" Pots (6 PPP).	45.00	437.50
POTHOS Marble Queen		
2 1/2" Pots (2 PPP).	22.50	200.00
3" Pots (3 PPP).	30.00	275.00
SANSEVIERIA Hahnii (Rooted Plants).	7.00	62.50
2 1/2" Pots.	16.00	150.00
Zeylanica, 2 1/2" Pots.	16.00	150.00

PLANTS IN 5 INCH PLASTIC POTS

Packed 12 per case. May be assorted to Carton.

FICUS Decora , 15-18".	\$.95 ea.
PHILODENDRON Cordatum Totems (18" Fernwood).	1.25 ea.
Guttiferum (18" Fernwood).	1.25 ea.
Large Leaf Totems (18" Bark) as Hastatum , Panda and Pertusum on front and small leaved plants on back of bark.	1.25 ea.
MONSTERA . 2PPP.	1.50 ea.

PLANTS IN 6 INCH PLASTIC POTS

Packed 9 per case.

FICUS Decora , 24-36".	\$1.25 ea.
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PLANTS IN 7 INCH PLASTIC POTS

Packed 6 per case. May be assorted to Carton.

PHILODENDRON Cordatum Totems (24" Fernwood).	\$1.90 ea.
Guttiferum (24" Fernwood).	1.90 ea.
Large leaf varieties as Panda , Hastatum , Dubia and Pertusum on front and small leaved Philodendrons on back of Bark. (24" Bark).	\$1.90 ea.
Cordatum Totems (30" Fernwood).	3.15 ea.
Large Leaf Totems (30" Bark).	3.15 ea.
MONSTERA . 2 Large Plants.	2.40 ea.

PLANTS IN 8 INCH PLASTIC POTS

Packed 6 per case.

PHILODENDRON LARGE LEAF TOTEMS (36" Bark).	\$4.40 ea.
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All Potted Plants in Plastic Pots

2 1/2 inch, 50 per Carton—3 inch, 36 per Carton

4 inch, 20 per Carton

SOURCE N—F.O.B. FLORIDA

	Per 100	Per 1000
PHILODENDRONS: Pertusum , 4" Select 5 leaf min.	20	\$ 95.00
4" Double 8 leaf min.	20	100.00
3" 4 leaf minimum.	36	50.00
Hastatum , 4" Select 5 leaf min.	20	95.00
4" Select 5 leaf min.	15	125.00
4" Regular 5 leaf min.	20	75.00
4" Double 8 leaf min.	20	100.00
3" 4 leaf minimum.	30	50.00
Floridii , 3" Double.	36	55.00
Panduraforme , 4-6 leaf, R.C.	100	20.00
4-6 large leaf R.C.		25.00
SELLOUM gal. cans.		90.00
EMERALD QUEEN , 3" 4-5 leaf.		35.00
LARGE-LEAVED 6 INCH (GAL.)—24" TOTEMS (Floridii-Pertusum-Hastatum-Pand.)		195.00
Cordatum , R. C., 3-5 leaf A's.		\$ 55.00
R. C., 3-5 leaf B's.		42.50
2 1/2", 3 or more to pot.	56	16.50
MARANTHA KERCHOVEANA , U.R.C. large leaves.		7.00
R.C. large leaves.		8.00
NEPHTHYTIS , Green Gold, 3-5 leaf R. C. (highly colored)		55.00
POTHOS , Wilcoxi, 3-5 leaf R. C.		60.00
2 1/2" or 2 1/4"		18.00
4"		45.00
PEPEROMIA , Obtusifolia, 3-5 R. C.		55.00
3-5 U. R. C.		30.00

SOURCE O—FOB URBANA, OHIO

AGLAONEMA Modestum (Chinese Evergreen)	Per 100	\$25.00
2 1/4", 3-5 lvs.		
Marantifolia , 6"	each \$1.50	
ARALIA Sieboldi , 2 1/4"		15.00
Elegantissima , 2 1/4"		35.00
3"		75.00
CISSUS Antartica (Kangaroo Vine), 2 1/4"		20.00
Discolor (Variegated), 2 1/4"		20.00
CRASSULA Arborescens (Jade Plant), 2 1/4"		12.00
CROTON Apple Leaf , 2 1/4"		20.00
Narrow Leaf, 2 1/4"		20.00
DIEFFENBACHIA Picta , 2 1/2"		30.00
3"		40.00
Exotica , 2 1/2"		35.00
3"		50.00
DRACAENA Godsefiana , 2 1/4", single.		15.00
2 1/2", two plants.		25.00
3", three plants.		35.00
Sanderiana , 2 1/4"		20.00
Mad. Eugene Andre' , 2 1/2"		40.00
EXOTICA , 2 1/2"		35.00
3"		50.00
FITTONIA Argyroneura (White Vines), 2 1/4"		20.00
HOYA Carnosa (Green Wax Plant), 2 1/4"		15.00
Carnosa Variegata , 2 1/4"		25.00
IVY Baltica (90.00 per M.) 2 1/4"		10.00
English (\$90.00 per M.) 2 1/4"		10.00
3" (3 P.)		25.00
Grape (\$110.00 per M.) 2 1/4"		12.00
Ideal , Pixie , Hahn's Self Branching , Fan , Hahn's Small Leaf Variegated		
2 1/4"		15.00
3"		30.00
ROCHESTER, WILSON		
2 1/4" (\$140.00 per M.)		16.00
Sylvania Beauty , Green Ripple , Shamrock , Large Leaf Variegated		
2 1/4"		20.00
3"		35.00

Vaughan's FOLIAGE PLANTS



PHILODENDRON LACINEATUM on bark (C-D)



3" PHILODENDRON DUBIA (F) 4"



PHILODENDRON PERTUSSUM (E-F-H-M-A)

On all orders for less than \$10.00 from one source there will be a service charge of \$1.00, except where noted otherwise.

SOURCE O—Continued

LEMON (Ponderosa American Wonder), 2 1/4"	25.00
Two year plants, 3"	50.00
NEPHTHYTIS Liberica, 2 1/4"	15.00
Green Gold, 2 1/4"	15.00
ORANGE Otaheite (dwarf habit), 2 1/4"	35.00
3"	75.00
PALM, Chamaedorea Elegans, 2 1/4"	20.00
4" (3 plants)	50.00
PEPEROMIA Emerald Ripple, 2 1/4"	20.00
GLABELLA Variegated, 2 1/4"	20.00
Obtusifolia (green), 2 1/4"	12.00
Marble Variegata, 2 1/4"	15.00
Miniature, 2 1/4"	16.00
Variegata, 2 1/4"	15.00
Pericattii, 2 1/4"	15.00
Pixie, 2 1/4"	20.00
Sandersii, spaced plants, 2 1/4" (Watermelon Begonia)	20.00
White Cloud, 2 1/4"	20.00
Ray's Golden, 2 1/4"	25.00
PHILODENDRON Cordatum, 2 1/4"	15.00
2 1/2", (2 plants)	25.00
3", (3 plants)	35.00
Dubia, 4"	each 1.00 90.00
Florida, 3"	50.00
Florida, 5", on bark	each 1.50
Micans, 2 1/4"	25.00
Panduriforme, 4" (2 plants)	each 1.00 90.00
5"	each 1.50
Selloum 5"	each 1.50
Pertussum 3"	75.00
PILEA Cadieriei (Dwf. Aluminum Plant), 2 1/4"	15.00
Involucrata (Panamigas) 2 1/4" (Friendship Plant)	15.00
Silver Panamiga	15.00
POTHOS Marble Queen, 2 1/2"	25.00
Wilcoxi, 2 1/4"	15.00
3"	40.00
RHOEO Discolor, 2 1/4" (Moses in the Bulrushes)	25.00
SANSEVIERIA Hahnii, Rosettes 2 1/4"	15.00
Laurenti, 2 1/4"	25.00
Zeylanica, 2 1/4"	12.00
SCHEFFLERA, 2 1/4"	20.00
Actinophylla 3"	40.00
SCHISMATAGLOTTIS Robellini, 4"	each 1.50

MISCELLANEOUS PLANTS

ABUTILON Souv. de Bonn, (Gray-green maple leaf white edge) 2 1/4"	Per 100 \$15.00
THOMSONI (Maple shaped leaf, mottled yellow) 2 1/4"	25.00
BELOPERONE Guttata (shrimp plant) 2 1/4"	15.00
BROWALLIA, Speciosa Major, 2 1/4"	10.00
CHRISTMAS CACTUS, 2 1/4"	15.00
CROWN OF THORNS (Euphorbia Splendens) BOZERI	25.00
GYNURA Aurantiaca (Chinese velvet plant) 2 1/4"	15.00
JACOBINA Justicia, 2 1/4"	20.00

SOURCE S—F.O.B. FLORIDA

DIEFFENBACHIA Exotica, Eyes (Min. order 200 eyes)	100 6.00	1000 \$50.00
R.C.	20.00	
3" pot.	35.00	
DRACAEANA Firebrand—Bare root	18.00	
3" pot.	30.00	
FICUS DECORA, M.R.L. (33/ctn.)	60.00	
NEANTHE BELLA Palm		
(500 or more at 1000 rate) Transplants 4-6"	6.00	50.00
PHILODENDRON		
Dubia, 5" pot, 2 pp.	90.00	
6" pot, 2 pp.	150.00	
Hastatum, 5" pot, 2 pp.	90.00	
6", 3 pp.	150.00	
Pertussum, 5" pot, 2 pp.	100.00	
6" pot, 3 pp.	150.00	
SCHEFFLERA SEEDLINGS (500 or more at M rate)	6.00	50.00
6" pot, 4 pp.	100.00	
Egg can.	each \$3.50	
3"—50 per ctn., 6"—9 per ctn.		
4"—25 per ctn., Egg cans—2 per ctn.		
5"—16 per ctn.		

SOURCE T—F.O.B. TEXAS

PHILODENDRON Cordatum R.C. 3/5 lvs., #1 SIZE	1000 \$50.00
(500 to a carton—approx. 32 lbs./ctn.)	
#2 SIZE R.C. 2/3 lvs.	37.50
(500 to a carton—approx. 28 lbs./ctn.)	
Minimum shipment 1 carton. Packing charge 50c per carton	

SOURCE V—F.O.B. FLORIDA

	Per Ctn.	Each	100
CALAMONDIN ORANGE, Gal., plastic	9	\$1.75	
FICUS DECORA, M.R.L.	25		\$60.00
Egg can 3PPP	2	2.00	
PITTIOSPORUM VARIEGATED, Gal. can.	9	1.25	
PODOCARPUS, Egg can 3PPP	2	5.50	

SOURCE X—F.O.B. FLORIDA

	Ctn. Pak	Per 100	Per 1000
FICUS Decora, M.R.L., 10-14 lvs.	20	\$60.00	
PHILODENDRON Cordatum, R.C., #1 3-5 lvs.	500		\$55.00
R.C., #2 2-3 lvs.	500		40.00
2 1/2", 3-4 plants per plastic pot	100	18.00	
4", 8-9 hanging vines per pot	24	60.00	
SELLOUM, 4"	25	60.00	

Shipments can be made to common points as St. Paul, Minneapolis, Austin, Minn., Milwaukee, Chicago, Detroit, Toledo, Jacksonville, Ill., Indianapolis, Springfield, Ill., South Bend, Elkhart, Ind., Fort Wayne, Louisville, Nashville, Atlanta, Ga., Cleveland, Akron, Canton, Youngstown, Alliance, Pittsburgh, Washington, Pa., Wheeling, W. Va., Charleston, W. Va., Boston, Mass., Providence, R.I., New York City, Albany, N.Y., Buffalo, N.Y., Rochester, Syracuse, and Utica, N.Y., Jersey City, N.J., Philadelphia, Baltimore, Richmond, Va., Hartford, Conn., and other adjacent common points via tropical plant truck carriers resulting in large transportation savings over express.

Hardy Perennials

25 or more of one variety at the 100 rate. No orders for less than 10 of one variety. Packing at cost. Due to cost of handling we cannot accept orders of perennials totaling less than \$10.00.

	Per 10	Per 100
AJUGA (Bugleweed) June		
Reptans. Blue flowers. 6-8".....	\$2.00	\$15.00
AQUILEGIA (Columbine) May-June		
Long Spurred Blue. 2½-3 ft.....	2.00	15.00
McKana Hybrids. Very large flowers in beautiful range of rich colors, long spurs. 3 ft.....	2.25	17.50
Mrs. Scott Elliott Hybrids. Very long spurred. Mixed colors. 3 ft.....	2.00	15.00
ARMERIA (Thrift)		
Laucheaana. Attractive mound of narrow foliage topped by bright pink flower heads that look like miniature popcorn balls.....	2.25	17.50
ARTEMISIA (Southern Wood-Sagebrush)		
Silver King. Striking silvery foliage. 3 feet. Useful filler for bouquets.....	2.00	15.00
Silver Mound. Dwarf plant of silvery fernlike foliage making a handsome compact mound about 4 in. high.....	2.25	17.50
CARNATION GRENADIN (Hardy Outdoor Carnation)		
Cardinal. Bright Scarlet. 20 inch.....	2.00	12.00
Golden Sun. Golden Yellow 20 inch.....	2.00	12.00
Innocence. Pure white. 18 inch.....	2.00	12.00
King of the Blacks. Dark Velvety maroon. 20 inch.....	2.00	12.00
Rose Queen. A fine pink. 20 inch.....	2.00	12.00
Fine Mixture.....	2.00	12.00
CHRYSANTHEMUM MAXIMUM (Shasta Daisy) All Summer.		
Alaska. Large white. 2 ft.....	2.00	12.00
Double Fringed Giant. Outstanding new variety. Pure white immense flowers. A mixture of semi-double to double. Beautifully frilly. Tall sturdy stems.....	2.25	17.50
DELPHINIUM		
Belladonna. Sky blue. 2-2½ ft.....	2.00	15.00
Bellamosa. Deep blue. 2-2½ ft.....	2.00	15.00
Blackmore and Langdon. Fine strain of Hybrid. 4-5 ft.....	2.00	15.00
Giant Pacific Hybrids. The aristocrats of the outdoor garden and so valuable for cut flowers. Immense single and double flowers on giant spikes 5-7 ft. All summer.....		
Round Table. A superb mixture of the finest shades.....	2.50	20.00
DIANTHUS. (Hardy Pink)		
Winteri. The most beautiful pink grown. Its large dollar-size single flowers are borne in great abundance on good long stems, in the most delightful pure colors and each flower has a beautiful carmine ring in the center. 12-18 inches.....	2.50	20.00
Tiny Rubies. Miniature Carnation. Rose pink flowers on 4-5 inch stems. Green mound. June.....	2.50	20.00
DICENTRA (Bleeding Heart)		
Exima. Pink flowers. 15 inch.....	2.25	17.50
Spectabilis. True old-fashioned variety. Pink. 18-24 inch. June. 4 eyes and up.....	5.00	40.00
FUNKIA (Plantain Lily—Hosta)		
Glaucia. Violet flowers. Large blue-gray leaves. 3 ft. Aug.-Sept.....	2.00	15.00
Lancifolia. Green foliage. Lilac flowers. 2 ft. Sept.....	2.00	15.00
GAILLARDIA (Blanket Flower)		
Grandiflora Sun God. The best. Entire flower, petals and center, is pure golden-yellow. Straight sturdy 2 ft. stems. Good cut-flower and border plant.....	2.50	20.00
GRASSES (Ornamental Grass)		
Festuca Glaucia (Blue Fescue Grass) Dense tufts of low growing narrow bluish leaves, fine for edgings.....	2.00	15.00
GYPSOPHILA (Baby's Breath)		
Bristol Fairy. True double. White 2 ft. All summer.....	5.00	40.00
Pacifica. Clear pink. Fine for cutting. 3 ft. August-September.....	2.00	15.00
HEUCHERA (Coral Bell)		
Brezoides. Profuse bloomer. Pink. 1½-2 ft. All summer.....	2.50	20.00
Pluie De Feu. Lovely coral-red. 1½-2 ft. All summer.....	2.50	20.00
HIBISCUS (Mallow Marvel) 5 ft. July-August.		
Avalon Hybrids. Beautiful strain of giant Mallow, mixed colors.....	2.00	15.00
IBERIS (Candytuft)		
Sempervirens. White 8 inch. May.....	2.00	15.00
LAVANDULA VERA (True Sweet Lavender)		
Beautiful silvery blue-gray foliage year-round forming an attractive bush 12-18 inches high. Lavender blue flower spikes blooming July to September. The entire plant is wonderfully fragrant and the dried blooms are used in lavender bags.....	2.00	15.00
LIATRIS (Blazing Star or Kansas Gay-feather)		
Kobalt Blue. Finest Liatris and deepest color. New variety with bright, mauve pink flower spikes. Low growing. Very abundant sturdy and full flowered spikes. Earliest to flower. July-August.....	2.50	20.00
Silver Lace. Stunning pure white spires of close packed flowers on tall stems.....	2.50	20.00

	Per 10	Per 100
LUPINUS (Hardy Lupine)		
Russell Hybrids. Dazzling spikes solid with flowers in a rich assortment of blue, white, pink and rose colors. 3-4 ft. May-July.....	\$2.25	\$17.50
LYTHRUM (Purple Loosestrife)		
Morden's Hybrid. A beautiful borderplant with rosy-pink flower-spikes on straight stems 3 ft. high, from July until September.....	2.75	22.50
MONARDA (Burgamot)		
Granite Pink. Lovely clear pink that does not fade or discolor. 2 ft., July-Aug.....	2.00	15.00
PHLOX DECUSSATA (Hardy Garden Phlox)		
American Beauty. A clear deep pink. Very large 3-3½ ft. Midsummer.....	2.00	16.00
Boulevardier. (New sensation developed by Symons-Jeune) Large florets of rose-violet with darker eye. Very tall with extra large well-formed trusses.....	3.00	25.00
B. Symone Jeune. Outstanding new variety. Enormous heads of clear pink with sparkling crimson eyes.....	2.50	20.00
Caroline Vanderberg. A true lavender-blue. 2½-3 ft. Midsummer.....	2.00	16.00
Charles Curtis. (True imported from originator in Holland). Very large flowers of intense red. Does not fade in sun or rain.....	2.50	20.00
Dresden China. (Symons-Jeune introduction). Large exquisite shell-pink florets. Tall-free-flowering and strong grower. Late.....	2.25	17.50
Everest. (New variety by Symons-Jeune). Purest white with pink eye.....	3.00	25.00
Fairy's Petticoat. (New variety by Symons-Jeune). A lovely delicate shade of light pink with a deeper pink eye. A sturdy and vigorous grower. 3 ft.....	2.50	20.00
Fuchsia. Lovely fuchsia florets in large trusses.....	2.25	17.50
Orange. (New from Holland). Exceptionally good. Fine orange heads. 2 ft.....	3.00	25.00
Prime Minister. White, crimson eye. 2½-3 ft. Late.....	2.00	16.00
Sir John Falstaff. A giant rich salmon-pink Phlox, easy to grow and an outstanding variety.....	2.25	17.50
Tenor. Deep rose red with a warm scarlet glow. Flowers very early and again in the fall. 2 ft.....	2.00	16.00
Thunderbolt. New dazzling brilliant red. Large heads.....	2.25	17.50
White Admiral. Enormous heads of white flowers. Fragrant prolific blooms. 2-2½ ft. July-August.....	2.00	16.00
PHLOX SUBULATA. (Creeping Phlox-Moss or Mountain Pink).		
Solid carpet of bright little flowers in early spring. Pretty moss-like evergreen foliage. Grows best in sun. Popular for ground cover, borders, walls and rock gardens.....		
Atropurpurea. Deep carmine red.....	2.25	17.50
Blue Emerald. Attractive, light blue flowers in spring and fall. Compact growing habit.....	2.25	17.50
Emerald Cushion Pink. Long flowering pink. Compact foliage.....	2.25	17.50
White Delight. The purest and largest white. Bright green foliage.....	2.25	17.50
PLUMBAGO LARPENTAE. (Leadwort).		
Deep blue flowers. 6 in. All summer.....	2.25	17.50
PRIMULA (Hardy Primrose). 6-8 inch. April-May.		
Polyantha. Lovely mixture of yellows, reds and rose.....	2.50	20.00
Veris. A beautiful strain of all shades.....	2.50	20.00
PYRETHRUM (Painted Daisy)		
Robinson Strain. Finest strain of Painted Daisy. Mixed colors. 1½-2 ft.....	2.00	15.00
SEDUM (Stonecrop)		
Spectabilis Brilliant. Crimson. 10 inch. August.....	2.00	15.00
TRITOMA (Red Hot Poker or Flame Flower)		
Pfitzeri. Orange-scarlet. 2½-3 ft. Aug.-Oct.....	2.25	17.50
VALERIANA COCCINEA (Garden Heliotrope). Soft pink to purplish-red flowers from June till Oct. 18-24 inches high. Fine blue-green foliage. An excellent border plant.....	2.00	15.00
VERONICA (Speedwell)		
Blue Champion. Deep indigo blue flowers on tall spikes 24 inches high. Striking.....	2.50	20.00
Icicle. Lovely pure white spikes on sturdy stems. 18-24 inches. Blooms all summer.....	2.50	20.00
Incana. Pale blue, silvery foliage. 9 inch. June-July.....	2.00	15.00
Minuet. Light pink flower spikes on silvery gray foliage. Most lovely. Blooms in July and August. 15 inches high.....	2.00	15.00

Spring Bedding Plant Sources

THESE COMPOSITE LISTINGS OF SPRING BEDDING PLANTS WILL ENABLE YOU TO MAKE YOUR SELECTIONS SO THEY CAN BE SHIPPED FROM ONE SOURCE. THIS SAVES HANDLING COSTS AND TRANSPORTATION CHARGES. ON ALL ORDERS LESS THAN \$10.00 FROM ONE LISTING ADD \$1.00 MINIMUM ORDER CHARGE.

SOURCE 2—F.O.B. MASSACHUSETTS

	Per 100	Per 1000
AGERATUM —Imp. Riverside, Mundelein, Magnolia Beauty, White, R.C.	\$ 3.50	\$ 30.00
2 1/4"	12.00	110.00
BEGONIAS —Red, Pink, White, 2 1/4"	13.00	110.00
BROWALIA —Major Blue, 2 1/4"	15.00	140.00
COLEUS —Good Assortment, R.C.	4.00	35.00
2 1/4"	12.00	110.00
DAISIES —Yellow, 2 1/4"	15.00	140.00
DUSTY MILLER —Fernleaf, R.C.	5.00	45.00
2 1/4"	13.00	120.00
FUCHSIAS —Pink Beauty, Black Prince, Giant Pink, Winston Churchill, Hollydale, Double White, Little Beauty, R.C.	6.00	55.00
2 1/4"	13.00	120.00
FUCHSIAS TRAILING	15.00	140.00
HELIOTROPE —Royal Fragrance, Sweet Blue R.C.	5.00	45.00
2 1/4"	13.00	120.00
IMPATIENS —Pinkie, Blaze, White, R.C.	5.00	45.00
2 1/4"	13.00	120.00
LANTANAS —M. Schmidt, Caprice, Te'hys, Golden Queen, White, Lavender Trailing.	13.00	120.00
2 1/4"	13.00	120.00
PETUNIA —Double Mixture, 7 colors, R.C.	5.00	45.00
2 1/4"	13.00	120.00
VERBENAS —Mayflower, Bright Red, Sparkle, R.C.	4.00	35.00
2 1/4"	13.00	120.00
VINCA VINES —Variegated, R.C.	5.00	45.00
2 1/4"	13.00	120.00

25 of a variety at 100 rate—500 of a variety at 1,000 rate

SOURCE 4—F.O.B. EASTERN OHIO

	Per 100	Per 1000
ACHYRANTHES —Red, R.C.	\$ 5.00	\$ 45.00
AGERATUM —Devon Blue, Blue Mound, Riverside, Masterpiece, Pink, White, R.C.	3.50	30.00
COLEUS —15 Varieties, mixed, R.C.	4.50	40.00
DAISY —Boston Yellow, Dwarf, R.C.	7.50	70.00
Pink, R.C.	13.50	125.00
DRACAENA-INDIVISA , 2 1/4"	11.00	
3"	25.00	
DUSTY MILLER —Fern Leaved, R.C.	4.50	
FUCHSIAS —Little Beauty, R.C.	8.00	75.00
Winston Churchill, Pride of Orion, R.C.	7.00	65.00
IMPATIENS —Mixed, R.C.	5.00	45.00
LANTANAS —Caprice, Golden King, Lady Olivia, Lavender Weeping, Radiation, Michael Schmidt, 2 1/4"	11.00	
*Gilbert's Surprise, very dwarf, bronze to Lt. pink. 2 1/4"	15.00	
*Minimum order—100 plants		
VINCA —Variegata, R.C.	4.50	40.00
2 1/4", 2 pp pot.	11.00	100.00

SOURCE 5—F.O.B. INDIANA

	Per 100	Per 1000
ACHYRANTHES —Brilliantcy, Burgundy, Yellow-Green Variegated, R.C.	\$ 4.50	\$ 42.50
Branched 2 1/4"	12.00	115.00
AGERATUM —Riverside, Devon Blue, R.C.	3.50	30.00
Bushy, 2 1/4"	12.00	115.00
ARTILLERY PLANT —Upright type, Spreading Type, R.C.	3.75	35.00
Branched 2 1/4"	12.00	115.00
ASPARAGUS SPRENGERI —Heavy 2 1/4"	12.00	115.00
COLEUS —Beckwith Gem, Brilliantcy, Christman Gem, Golden Banded, Hollywood Red, Max Levering, Mrs. C. H. Harding, Verschaffelti, Yellow Bird, Trailing Queen.		
Good Assortment R.C.	3.75	35.00
Branched 2 1/4"	11.00	105.00
Your Choice Named R.C.	4.00	37.50
Branched 2 1/4"	12.00	115.00
DRACAENA INDIVISA , Large 2 1/4"	12.00	115.00
Heavy, Large 3"	20.00	190.00
DUSTY MILLER —Upright Fern Leaf Type, R.C.	5.00	47.50
Branched 2 1/4"	12.00	115.00
FUCHSIAS —Black Prince, Rosain Patria, R.C.	5.50	52.50
Branched 2 1/4"	14.00	135.00
Winston Churchill, Hollydale, Mrs. Marshall, R.C.	6.50	62.50
Branched 2 1/4"	14.00	135.00
IMPATIENS SULTANI —Bright Red, Dark Salmon, Light Pink, Dark Pink, Orchid, Wine, White, Assortment, R.C.	4.50	42.50
Branched 2 1/4"	12.00	115.00
Your Choice, Named, R.C.	5.00	47.50
Branched 2 1/4"	13.50	130.00
LANTANAS —Michael Schmidt, Radiation, Caprice, Sensation, Golden King, Snow White, Weeping Lavender.		
Good Assortment R.C.	4.50	42.50
Branched 2 1/4"	13.00	125.00
Your Choice, Named, R.C.	5.00	45.00
Branched 2 1/4"	14.00	135.00
PELARGONIUMS —Standard Varieties, Named, R.C.	15.00	140.00
2 1/4"	20.00	190.00
Premium Varieties, Named, R.C.	19.00	
2 1/4"	25.00	
VINCA VARIEGATA —R.C.	4.50	42.50
Branched 2"	12.00	115.00
3" with 3-5 shoots	20.00	190.00

25 of a variety at 100 rate—500 of a variety at 1,000 rate

SOURCE 9—F.O.B. INDIANA

	Per 100	Per 1000
ACHYRANTHES —Burgundy, Green and Yellow variegated, R.C.	\$4.50	\$42.50
2 1/4"	10.00	97.50
Brilliantcy, R.C.	5.00	47.50
2 1/4"	10.00	97.50
AGERATUM —Imp. Dwarf Riverside, Devon Blue, Dwarf Pink, R.C.	3.50	30.00
2 1/4"	10.00	97.50
ARTILLERY PLANT —Upright form, R.C.	3.75	35.00
2 1/4"	10.00	97.50
ASPARAGUS —Sprengeri and Plumosus, 2 pp. pot, 2"	12.00	120.00
BEGONIAS —Pink Chatelaine Supreme, R.C.	6.00	55.00
2 1/4"	12.00	115.00
COLEUS —Butterfly, Brilliantcy, Christman Gem, Hollywood Red, Gold Bound, Beckwith Gem (Golden Bedder), Trailing Queen, R.C.	4.00	38.00
2 1/4"	10.00	97.50
Mixed, R.C.	3.75	35.00
2 1/4"	10.00	97.50
CUPHEA —Cigar Plant, R.C.	3.75	35.00
2 1/4"	10.00	97.50
DRACENA-INDIVISA , 2"	12.00	120.00
DUSTY MILLER —Upright form, fern leafed, R.C.	5.00	47.50
2 1/4"	11.00	100.00
FUCHSIAS —Black Prince, Lord Byron, Rosian Patria, R.C.	5.50	52.50
2 1/4"	12.00	115.00
Winston Churchill, Hollydale, Pride of Orion, Dwarf Purple, Irwins Giant Pink, Mrs. Marshall, Mixture of at least 6 var. R.C.	6.50	62.50
2 1/4"	12.00	115.00
Little Beautys, R.C.	8.00	78.50
2 1/4"	14.00	135.00
GYNURA —Velvet Plant, R.C.	10.00	90.00
2 1/4"	18.00	175.00
IMPATIENS SULTANI —Reds, pinks, salmons, purple, white, R.C.	5.00	47.50
2 1/4"	12.00	115.00
Mixture of above, R.C.	4.50	42.50
2 1/4"	10.00	97.50
Dwarf Blaze, Dwarf Salmon, R.C.	6.50	62.50
2 1/4"	15.00	145.00
LANTANAS —Michael Schmidt, Delica Tissma, Caprice, Lady Olivas, Golden King, Sensation, White, Dwarf Bronze, Radiation, R.C.	5.00	47.50
2 1/4"	11.00	110.00
Mixture of above, R.C.	4.50	42.50
2 1/4"	11.00	110.00
PELARGONIUMS —(10 best kinds mixed), R.C.	10.00	97.50
2 1/4"	18.00	175.00
VINCA —Variegated, R.C.	5.00	47.50
2"	11.00	110.00
Heavy Plants—2-3 shoots, 2"	13.00	120.00
Heavy Plants—3-5 shoots, 3"	22.50	200.00

25 of a variety at 100 rate—500 of a variety at 1,000 rate



FUCHSIA

Spring Bedding Plant Sources

THESE COMPOSITE LISTINGS OF SPRING BEDDING PLANTS WILL ENABLE YOU TO MAKE YOUR SELECTIONS SO THEY CAN BE SHIPPED FROM ONE SOURCE. THIS SAVES HANDLING COSTS AND TRANSPORTATION CHARGES. ON ALL ORDERS LESS THAN \$10.00 FROM ONE LISTING ADD \$1.00 MINIMUM ORDER CHARGE.

SOURCE 8—F.O.B. ILLINOIS

	Per 100	Per 1000
GERATUMS —Imp. Riverside dwarf, Masterpiece, Pink Beauty, Pure White, R.C.....	\$ 3.50	\$ 30.00
2 1/4".....	8.00	75.00
OLEUS —Bright Mixed Colors, R.C.....	4.00	35.00
2 1/4".....	8.00	75.00
AISIES —Imp. Boston Yellow, Nicholson's White, R.C.....	7.50	70.00
2 1/4".....	12.50	120.00
USTY MILLER —Fern-Leaved, R.C.....	5.00	45.00
2 1/4".....	11.00	100.00
UCHSIAS —Hollydale, Winston Churchill, Pride of Orion, R.C.....	7.00	65.00
2 1/4".....	12.00	120.00
Little Beauty, R.C.....	8.00	75.00
2 1/4".....	14.00	135.00
APATIENS —Pure White, Scarlet Red, dwarf Salmon, Rose, Salmon Pink, R.C.....	5.25	50.00
2 1/4".....	11.00	100.00
Y —Hahn's Self Branching, R.C.....	4.00	35.00
Improved Glacier, R.C.....	5.00	45.00
ANTANAS —Radiation, Caprice, Pure White, Pure Yellow, R.C.....	5.00	45.00
2 1/4".....	11.00	100.00
ERBENAS —Candystick, BEAUTY OF OXFORD, Cerise, Pink, Scarlet, Lavender, Schlossers Pride, Mayflower, Royal Purple, White, R.C.....	4.00	35.00
INCA VINES —Very Highly Colored, R.C.....	5.00	45.00
(2 cuttings to pot) 2 1/4".....	11.00	100.00

25 of a variety at 100 rate—500 of a variety at 1,000 rate

SOURCE 10—F.O.B. OHIO

LANTANAS

Alba Perfecta —best white—strong grower	La Pleur D'or —deep yellow
Craigii —red—shortest of the reds	Michael Schmidt —red shading to yellow
Delicatissima —coral and yellow	Radiation —red, orange and yellow center
Dwarf Beauty —pink shading to pale yellow	Sensation —pink, shading to yellow center
Dwarf Buckeye —burnt orange	Silver Mound —trailing, creamy white—small foliage—strong grower and free flowering, usually sweet scented
Golden King —lemon yellow	Southern —yellow shading to buff, Very dwarf
Gold Mound —Trailing—bright golden yellow—small foliage	Tethys —cream yellow
Jacob Schultz —red, an old favorite	Weeping —lilac to rosy pink
Lady Olivia —pink	
(Minimum Order—100 Plants)	
Above varieties, R.C.....	\$ 6.00 per 100
3/4".....	57.50 per 1000
1 1/4".....	\$12.00 per 100
2 1/4".....	110.00 per 1000

No orders accepted for less than 25 plants of a variety, which earns the 100 rate. 250 plants of a variety earns the M rate.

Hydrangeas (FOR GROWING ON)

All Prices per 100 Plants In Units of 25 Per Variety F.O.B. Dundalk (Baltimore), Md.		SPRING DELIVERY FOR GROWING ON	
Pot Sizes	Number of Shoots	Rooted	3"
RECENT INTRODUCTIONS		Cuttings	1 Shoot
per 100			
*Merritt's Blue (M) A Good Blue			
Merritt's Pride (M) A New Red		\$30.00	\$55.00
Merritt's Supreme (M) Deep Pink			
NOVELTIES			
per 100			
*Enzindom (M) A New Pink			
Flamboyant (M) Medium Pink		22.00	45.00
Monte Forte Perle (M) Carmine Red			
Todi (M) Dark Pink			
STANDARD VARIETIES			
per 100			
Hamburg (E) Carmine			
*Kuhnert (M) Rose Pink			
*Merveille (L) Light Red			
*Red Star (M) Brilliant		18.00	35.00
Regula (E) White			
*Rose Supreme (M) Rose Pink			
Sister Therese (M) Best White			
Strafford (M) Dark Pink			
		*These Varieties Blue	

For dormant budded stock for Easter and Mother's Day, see Fall catalog. We can still supply F.O.B. Maryland, Indiana, Ohio, Kansas City, Pacific coast.

SOURCE 7—F.O.B. OHIO

	Per 100	Per 1000
ACHYRANTHES —Burgundy, Green and Yellow, Brillancy, R.C.....	\$ 4.50	\$ 42.50
2 1/4".....	10.00	97.50
AGERATUM —Imp. Dwarf Riverside, R.C.....	4.00	35.00
2 1/4".....	10.00	95.00
ALTERNANTHERIA —Rosea Nana, Aurea Nana, Broad Leaf, R.C.....	4.50	42.50
2 1/4".....	10.00	97.50
BEGONIAS—DOUBLE —Butterfly, Carlton's Delight, Joan Strong, Snowball, Carlton's Pink, Red Geneva, Swanson's Rose 2 1/4".....	20.00	
3".....	30.00	
COLEUS —Butterfly, Beckwith Gem, Brillancy, Gold Bound, Golden Bedder, Hollywood Red, Gettysburg, R.C.....	4.00	38.00
2 1/4".....	10.00	97.50
DUSTY MILLER —Fern Leaf, R.C.....	5.00	47.50
2 1/4".....	8.00	75.00
FUCHSIA —Beverly Hills, Black Prince, Lord Byron, Rosian Patria.....	5.50	52.50
2 1/4".....	12.00	115.00
Dwarf Purple, Hollydale, Irwins Giant Pink, Mrs. Marshall, Pride of Orion, Winston Churchill Display—Rose-Pink Bell, R.C.....	6.50	62.50
2 1/4".....	12.00	115.00
LITTLE BEAUTY —R.C.....	8.00	78.00
2 1/4".....	14.00	135.00
HANGING BASKET FUCHSIA —White Most—White, Pink Bell; Swingtime—White, Red Bell; El Camino—White, Red Bell, R.C.....	8.00	75.00
2 1/4".....	14.00	135.00
IMPATIENS SULTANI —Red, Pink, Salmon, Purple, White, Dwarf Orange, Neal's Bittersweet, Red Jewell, Salmon Jewell, R.C.....	5.00	47.50
2 1/4".....	12.00	115.00
LANTANA —M. Schmidt, Delica tisma, J. Schultz, Gold Mound, Golden King, Silver Mound, Sensation, Alba Perfecta, BronzeBronze, Radiation, Weeping, Caprice, Lady Oliva, Southern, Craigii, R.C.....	5.00	47.50
2 1/4".....	12.00	110.00
VERBENA —Beauty of Oxford—Scarlet, Cerise, Pink, Lavender, Schlossers Pride, Mayflower, Royal Purple, Pure White, Candy Stick, R.C.....	4.00	35.00
2 1/4".....	8.00	75.00
VINCA —Major, Highly Varigated, R.C.....	5.50	52.50
2 1/4".....	12.00	115.00

50 of a variety at 100 rate—250 of a variety at 1,000 rate
Less than 50 of variety add 2c extra per plant

Hydrangeas (DORMANT BUDDED)

F.O.B. URBANA, OHIO

DORMANT STOCK FOR EASTER AND MOTHER'S DAY FORCING

	1 cane	2 cane	3 cane	4 cane	5 cane
	4"			5"	
Kuhnert (M), Blues easily.....	45c	65c	80c	95c	\$1.10
Regula (E), Best white.....	45c	65c	80c	95c	\$1.10
Red Star (M), Blues easily.....	45c	65c	80c	95c	\$1.10
Strafford (M), Dark Pink.....	45c	65c	80c	95c	\$1.10
Mereville (L), Light Red.....	45c	65c	80c	95c	\$1.10
Todi (M), Dark Pink.....	45c	65c	80c	95c	\$1.10

(E) Early; (M) Midseason; (L) Late

F.O.B. DUNDALK (BALTIMORE), MD.

All Prices Per 100 Plants, In Units of 25 Per Variety

RECENT INTRODUCTIONS

	3"	4"	5"
	1 Shoot	1 Shoot	2 or More
Per 100	55.00	70.00	90.00
*Merritt's Supreme (M) Deep Pink			
*Merritt's Blue (M) A Good Blue			
Merritt's Pride (M) A New Red			
NOVELTIES			
per 100			
*Enzindom (M) A new Pink			
Monte Forte Perle (M) Carmine Red			
Todi (M) Dark Pink			
STANDARD VARIETIES			
per 100			
*Hamburg (E) Carmine			
*Kuhnert (M) Rose Pink			
*Merveille (L) Light Red			
*Red Star (E) Brilliant			
Regula (E) White			
*Rose Supreme (L) Rose Pink			
Sister Therese (M) Best White			
Strafford (M) Dark Pink			
Per 100	35.00	50.00	70.00
*These Varieties Blue Easily (E)—Early (M)—Mid-Season (L)—Late			

ASPARAGUS PLUMOSUS NANUS OR SPRENGERI

	100	1000
SEEDLINGS (500 of a variety at 1000 rate).....	\$ 3.50	\$ 30.00
2½-inch.....	12.00	115.00

AZALEAS**FOR GROWING ON—APRIL-JUNE DELIVERY
KURUME AND PERICAT AND RELATED****ALASKA.** White.**CORAL BELL.** A beautiful, hose-in-hose pink; blooming early to mid-season.**HAHN'S RED.** (Mudders Kinstag).**HEXE.** Brilliant red and very reliable mid-season to late.**HEXE DE SAFFALARE****HINODEGIRI.** Compact grower, fiery red; blooming quite late.**HINODEGIRI DOUBLE.****MARJORIE ANN.****PINK SUPREME.** Rose-pink sport of Mme. Pericat. Late flowering.***RED WING.** Large fluffy red Pat No. 1159**SNOW.** Hose-in-hose, pure white. Compact grower and late flowering.**SWEETHEART SUPREME.** Double light salmon-pink, Mid-season to late.

	100	1000
3½ inch Peat Pots (This size available November thru June) ..	\$25.00	\$200.00
5x6 inch.....	45.00	400.00
6x8 inch.....	60.00	550.00
8x10 inch.....	75.00	700.00
10x12".....	100.00	900.00

Less than 250 plants of one variety take the 100 rate. 250 or more of one variety at 1000 rate.

INDICAS—OWN ROOT**ALBERT & ELIZABETH.** Dble. rose & white.**CALIFORNIA SUNSET.** Large coppery red and white, early.**CANDYSTICK.** Variegated Triumph form, rose red with white variegation.**CHIMES.** A brilliant red flower; strong grower. Early to Midseason.**DR. BERGMAN.** Dark pink with darker veins. Midseason.**DOROTHY GISH.** Salmon rose, hose in hose. Midseason.**GLORY OF EASTER.** Coral pink sport of J. Haerens. Very large late double.**JEAN HAERENS.** Double rose pink. Midseason.**MRS. JOHN HAERENS.** White, red picotee edges.***PRINCESS CAROLINE** (Pat). Hose in hose with petaloids to double. Upper half speckled with bright red, heavy bud set.***SUN VALLEY** (Pat). Hose in hose, pure white. Late.**VERVAENEANA.** Rose.**VERVAENEANA ALBA.** White.

*Red Wing, Princess Caroline and Sun Valley. 10c Extra royalty fee.

	100	1000
3½ inch Peat Pots (This size available November thru June) ..	\$35.00	\$300.00
5-6 inch.....	60.00	550.00
6-8 inch.....	75.00	700.00

Minimum order 25 of one size and variety.

BEGONIAS

	Per 100
CORALLINE LUCERNE (TRUE ANGEL WING), 2¼"	\$25.00
GENEVA SCARLET, 2¼" , Double Scarlet.....	25.00
WHITE, 2¼" , Double white.....	25.00
PINK BEAUTY, Double Med. pink	30.00
WESTPORT BEAUTY, 2¼" , Double pink.....	25.00
REX. Mixed Choice Varieties	35.00
FIBROUS ROOTED EVER BLOOMING	
2¼-inch. Named Varieties..... per 1,000, \$120.00	\$12.50

BEGONIAS DOUBLE 2¼"—BRONZE FOLIAGE

Carlton Bazaar, Med. pink
Double Carmen, Pink
Fire Fly, Deep red
Pink Camellia, Pink

Red Camellia, Rose red
Robin Hood, Pink
Snowdrop, White
Toanstrone, Med. pink

Above varieties, Minimum order 50 2¼" plants.....\$30.00
Special collection, Minimum order 100 2¼" plants..... 25.00

CHRISTMAS BEGONIAS

	100	1000
LADY MAC, MARJORIE GIBBS AND MELIOR. 2¼-inch. ..	\$42.50	\$375.00
TOVE, KAROLINA, RED SOLFHIEM, DARK		
SOLBACHEN 2¼"	47.50	425.00

**CARNATIONS—ROOTED CUTTINGS
FOR 1961-62 SEASON**

For complete Carnation listing of all varieties in commerce see Vaughan's Chrysanthemum Manual usually mailed after the first of the year.

NEW THIS SEASON

UNIVERSITY OF CONN. SIM NO. 1.—This is a beautiful well formed pure White Sim as a result of irradiating Red William Sim with gamma rays. It is virtually non-splitting even in variable weather. Restricted for three years.

WHITE:

Improved White Sim
Select White Sim
White Littlefield
White Sim

LIGHT PINK:

Peterson's New Pink Sim
Peterson's Pink Sim
Select Light Pink Littlefield
Improved Light Pink Littlefield
(Deeper pink than "Select" and will not sport to a variegated as much.)

DARK PINK:

Improved Sidney Littlefield

VARIEGATED:

S. Arthur Sim
Mamie Sim
Gayety Sim
Cooper's Variegated Sim

RED:

Peterson's Red Sim
Scania
Cardinal Sim
Gayety Red Sim

CRIMSON:

Topper

YELLOW:

Yellow Sim

NOVELTIES:

Anniversary
Scarlet Sim
Peking Pink Littlefield
Flamingo
Harvest Moon
Dusty
Sunset (Restricted 3 yrs.)

MINIATURES:

Elegance
Exquisite

ALL CUTTINGS FROM CULTURED MOTHER BLOCK PLANTS
ORDERS SHIPPED ON DATES SPECIFIED THROUGHOUT YEAR

MINIMUM ORDER 100 OF A VARIETY

THE ABOVE VARIETIES \$11. per 100; \$90. per M. 250 at M. rate
UNROOTED CUTTINGS \$50. per M.

CHRYSANTHEMUMS

The production of Chrysanthemum, year around schedules cut flowers and pots, garden varieties plus cultural information are all in Vaughan's Mum Manual. Manual is usually mailed the end of January.

GLOXINIA PLANTS—FOB FLORIDA

Shipped in 2" Bands—50 to the Carton

(Minimum Order—50)

\$20.00 per 100 \$180.00 per 1000 (250 billed at 1000 rate)

Winter packing—50c extra per case of 50.

*10% additional quantity discount on orders placed at one time for 5,000 or more plants to be shipped over a period not to exceed one (1) year.

FORMULA MIXTURE: This is a well balanced mixture of the best commercial types made up from separate colors. Formula varies slightly with the season, and some varieties are better at one season than at others.

Mixture is approximately as follows:

60%	Solid Red Types
10%	Solid Blue-Purple Types
15%	Red and White Combinations
10%	Purple and White Combinations
5%	Solid White

These varieties will mature in 90 to 120 days depending on climate. These seedlings are not to be compared to the common 5 petal varieties such as those from Belgium sources. All strains have flowers of 6 to 8 petals.

INDIVIDUAL COLORS

IMPROVED RED VELVET: Our finest red. Very strong producer of large ruffled cardinal red flowers. Well grown plants of this variety regularly produce 50 to 75 bloom in 5" or 6" pots.

ROYAL VELVET: Very heavy producer of velvety deep purple flowers. Strong growth habit.

NEW CHERRY BELLE: An improved strain that produces up to 100 blooms per plant. Deep cherry red flowers with white border. Very showy and large plants.

PINK PEARL: A new strain with soft rose-red petals around a radiating white center. Produced by inbreeding our older but dependable red and white velvet.

SNOW BIRD: Gigantic pure white flowers of extreme beauty. Strong growing plants with beautiful foliage. Long lasting flowers that open under adverse conditions.

PURPLE CLOUD: Choice plants full of rich purple bloom that have a white center radiating out into the petals to make a pleasing effect.

IMPROVED COLOSSAL HYBRIDS: Super size flowers varying in color from soft rosy pink to red or wine color on beautiful soft foliage—fast maturing plant that hold their blossoms high and erect.

PURPLE BELLE: Deep purple flowers with good white border. A new strain not at all like the old Emperor Wilhelm. Heavy plants with lots of buds.

COMPLETE GROWING INSTRUCTIONS SENT WITH EACH SHIPMENT

Vaughan's Geraniums

Geranium—Rooted Cuttings

GREENHOUSE GROWN—F.O.B. LOCAL SOURCES

Rooted cuttings will be available in July through the Summer, Fall and Winter months. Specify approximate delivery date desired.

Book your order early with our salesmen or send to us for his credit to insure delivery date desired.

RED

CHARLOTTE (New). Olympic sport, vivid scarlet, does not crookneck.

PRICES ON ABOVE: Per 100, \$16.00; 1000, \$140.00.

BETTER TIMES. Rose red.

IMP. RICARD. Brick red.

IRENE Brick red.

OLYMPIC RED. Clear red.

DARK RED IRENE. Radio red color.

RADIO RED. Brilliant red.

SPRINGFIELD VIOLET. Rich crimson purple (Magenta shade).

PRICES ON ABOVE: Per 100, \$11.00; 1000, \$100.00.

WHITE

LAYTON'S WHITE

MADONNA

SPARTAN WHITE

PRICES ON ABOVE: Per 100, \$11.00; 1000, \$100.00.

PINK-SALMON-ROSE

ENCHANTRESS FIAT. Soft salmon pink.

PINK FIAT. Salmon pink.

GENIE. Celestial rose color.

PENNY. Salmon rose.

IRVINGTON BEAUTY. Soft rosy salmon.

SALMON IRENE. Rich salmon.

MME. LANDRY. Salmon pink.

SALMON SUPREME. Clear salmon.

PINK CLOUD. Clear pink.

SPRINGTIME. Salmon pink.

PRICES ON ABOVE: Per 100, \$11.00; 1000, \$100.00.

Minimum order 250 cuttings—Not less than 50 of a variety
250 of a single variety at thousand rate

Geraniums 2 1/4"

RED

BETTER TIMES IRENE. Irene sport, Better Times color.

CHARLOTTE. (New) Olympic sport, vivid scarlet, does not crookneck.

PRICES ON ABOVE: Per 100, \$20.00; 1000, \$180.00.

DARK RED IRENE. Radio red color.

PRICES ON ABOVE: Per 100, \$17.00; 1000, \$160.00.

BETTER TIMES. Rose Red.

OLYMPIC RED. Brick red color.

BLAZE. Brilliant red.

RADIO RED. Brilliant red.

IMP. RICARD. Brick red color.

SPRINGFIELD VIOLET. Rich crimson purple (Magenta shade).

IRENE. Brick red color.

PRICES ON ABOVE: Per 100, \$16.00; 1000, \$150.00.

WHITE

LAYTON'S WHITE

MADONNA

SPARTAN WHITE

PRICES ON ABOVE: Per 100, \$16.00; 1000, \$150.00.

PINK-SALMON-ROSE

CAMELLIA FIAT. (New) Light pink.

PRICES ON ABOVE: Per 100, \$20.00; 1000, \$180.00.

ENCHANTRESS FIAT. Soft salmon pink.

SUSAN. (New) Coral pink.

PRICES ON ABOVE: Per 100, \$17.50; 1000, \$165.00.

PINK CLOUD. Clear pink.

SALMON IRENE. Rich salmon.

MARY ANGELA. Salmon rose.

SPRINGTIME. Salmon pink.

PRICES ON ABOVE: Per 100, \$17.00; 1000, \$160.00.

GENIE. Celestial rose color.

MRS. LAWRENCE. Light pink.

IRVINGTON BEAUTY. Soft rose.

PINK FIAT. Salmon pink.

PENNY. Salmon rose.

SALMON SUPREME. Dark salmon.

MME. LANDRY. Salmon pink.

PRICES ON ABOVE: Per 100, \$16.00; 1000, \$150.00.

Minimum order 100 plants. Not less than 50 of a variety
50 at the 100 rate—250 of a single variety at the 100 rate

Geranium Cuttings—CALIFORNIA GROWN

PINK

APPLE BLOSSOM. Salmon pink.

CAL. BEAUTY. Light rose-pink.

ENCHANTRESS FIAT. Soft salmon-pink.

MAGNIFICENT. Soft salmon pink.

PINK CLOUD. Clear pink.

SPRINGTIME IRENE. Salmon pink.

DEEP PINK

AVALON BEAUTY. Sport of Pink Fiat.

BEAUTY OF EL SEGUNDO. Dark pink.

FIAT SUPREME. Salmon pink.

GENIE IRENE. Celestial rose color.

IRVINGTON BEAUTY. Soft rose.

PENNY IRENE. Salmon-rose.

PINK FIAT. Salmon-pink.

PINK PHENOMENAL. Rose-pink.

SALMON PINK

IMP. POITEVINE. Soft pinkish salmon.

MADAM LANDRY. Clear salmon.

SALMON IDEAL. Clear salmon.

SALMON IRENE. Rich salmon.

SALMON SUPREME. Dark salmon.

ORANGE

ORANGE RICARD. Scarlet orange.

RED

AVALON RED. Sport of radio red.

BETTER TIMES. Rose red.

BLAZE. Brilliant red.

DARK RED IRENE. Radio red color.

IMP. RED FIAT. Orange-scarlet.

IMP. RICARD. Brick red.

IRENE. Brick red.

OLYMPIC RED. Brick red.

PRIDE OF CAMDEN. Dk. crimson-red.

RADIO RED. Brilliant red.

RED BARNEY. Bright dark-red.

RED FIAT. Orange-scarlet.

RED LANDRY. Brick-red.

PURPLE

SPRINGFIELD VIOLET. Purple-crimson.

FANCY-LEAVED

HAPPY THOUGHTS. Green leaf, bright yellow center.

MADAM LANGUTH. Leaf edged creamy white flowers crimson-red.

SKIES OF ITALY. Leaf bright yellow, chocolate zone.

IVY

rooted cuttings only

CAESAR FRANK. Deep pink.

CHARLES TURNER. Rose pink.

INTENSITY. Bright red.

MRS. BANKS. White with bluish center.

PRICES ON ABOVE CALIFORNIA CUTTINGS	100	1000
Unrooted cuttings	\$4.75	\$42.50
Calloused cuttings	7.50	70.00
Rooted cuttings	9.00	85.00

Minimum order 1000. All above prices are F.O.B. California

We recommend that all geranium cuttings from the West Coast be shipped via air transportation to nearest airport in your vicinity. Airport to phone buyer on arrival. Your telephone number must be supplied, also name of Airport and town.

POINSETTIA STOCK PLANTS

BARBARA ECKE SUPREME. Pat. No. 1055. Patented variety sold only under patent restrictions. The finest of all pot-plant varieties for the central and northern part of the United States.

ECKE PINK. Blooming and growth habits same as regular Pink but having long bracts similar to the Oak Leaf type, which makes it very desirable.

INDIANAPOLIS RED. Exceptionally fine variety for the southern states. Grows short and stocky.

NEW ECKE WHITE (Pat. No. 1802) **VERY WIDE BRACTS;** other features same as Ecke White. Good Quantity. Price \$180.00 per 100 field run.

BARBARA ECKE SUPREME — INDIANAPOLIS RED — ECKE WHITE — ECKE PINK—IMPROVED ALBERT ECKE

Per 100:	Super Jumbo—\$180.00	#1—\$120.00	#3—\$60.00
	Jumbo— 150.00	#2— 90.00	*#4— 40.00

RUTH ECKE—OAK LEAF

Per 100	Jumbo—\$180.00	#1—\$150.00	#2—\$120.00
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DOUBLE HENRIETTE ECKE (satisfactory in tropical areas only) and **ST. LOUIS:**

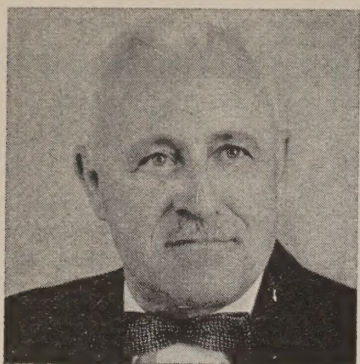
Per 100:	#1—\$120.00	#3—\$60.00
	#2— 90.00	*#4— 40.00

Above prices f.o.b. eastern points of distribution, c/o Railway Express Agency

*All #4 plants should be shipped by Railway Express direct from Encinitas to carry through successfully.

AT THE PRESENT TIME WE ARE ABLE TO RESERVE SUPER JUMBOS IN ALL VARIETIES. ON ALL ORDERS MAILED AFTER JANUARY 1, 1962 A 10% PACKING CHARGE WILL BE MADE. CHANGES IN ORDERS WILL BE ACCEPTED UNTIL FEBRUARY 1, 1962.

From Coast to Coast Vaughan's Is Happy



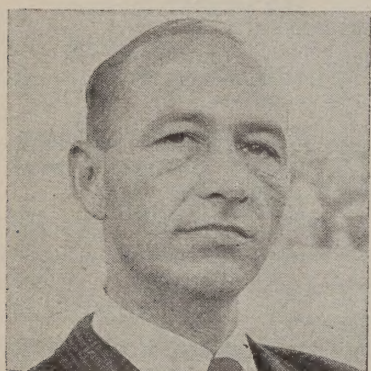
LONG ISLAND, QUEENS COUNTY AND STATEN ISLAND, N.Y.
MORTIMER CONKLING
386 Montauk Highway, Bayport, Long Island, N.Y.
(Bayport 8-0014)



TEXAS AND OKLAHOMA
CHARLES E. COOK
P.O. Box 18144, Dallas 18, Texas
(Dallas 4-4993)

At Vaughan's, Service Means

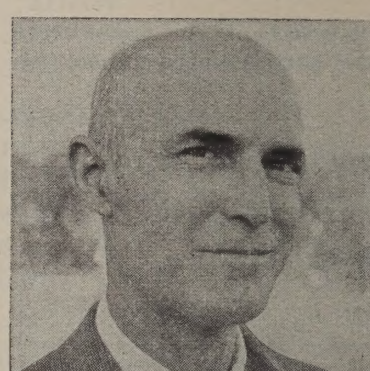
We want to be able to sell our products to you, of course, but, equally important, we can and want to help you improve your business. Vaughan's twenty two trained, experienced, enthusiastic Florist Salesmen consider it a privilege to be able to offer



KANSAS, MISSOURI, ARKANSAS
GUS R. CRAIG
815 Fitzhugh Avenue, Paris, Texas
(Sunset J-2468)



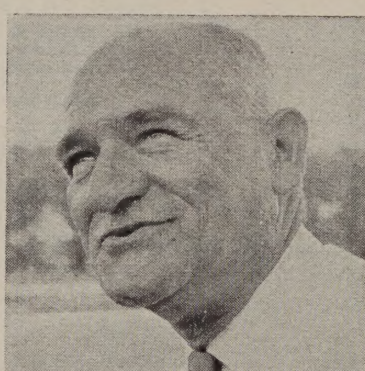
SPECIAL ACCOUNTS NEW YORK AREA
JOHN DONAHUE
617 - 11th Street, West Babylon, Long Island, N.Y.
(Turner 8-0981)



GREATER CHICAGO AREA
ALBERT HAVLIK
6429 N. Navajo Avenue, Chicago 46, Illinois
(Spring 4-1535)



IOWA AND ILLINOIS
JACK HINES
549 N. Aldrich Street, Geneseo, Illinois
(Geneseo 2270)



NORTH SIDE GREATER CHICAGO
JAMES J. HOSEK
11052 Boeger Court, Westchester, Illinois
(Fillmore 5-9474)



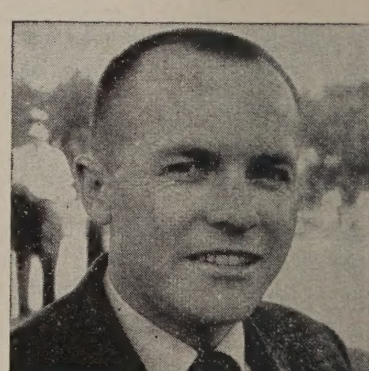
ARIZONA, CALIFORNIA AND NEVADA
BOB JEAN
125 Vista Del Campo, Los Gatos, California
(Elgato 4-8245)



**MASSACHUSETTS, RHODE ISLAND, MAINE,
NEW HAMPSHIRE, VERMONT**
RALPH LARSON
80 Church Street, Winchester, Massachusetts
(Parkview 9-3045)



WASHINGTON, OREGON, MONTANA AND IDAHO
BILL LAVERY
Box 6076, Seattle 88, Washington
(CH 4-1071)



WESTERN OHIO AND GREATER DETROIT AREA
KEN LEIB
29145 Tessmer Ct., Madison Heights, Michigan
(Lincoln 8-7363)

to Serve America's Great Florist Industry

More than Just Selling

you advice or aid. Pictured here are most of Vaughan's salesmen. We'd like to have you get to know your Vaughan's man because we know he can help you make more money. So, don't hesitate to call or write him.



WESTERN NEW YORK STATE, WESTERN PENNSYLVANIA,
NORTHERN WEST VIRGINIA
ED MARKHAM
Springwater, New York
(Northfield 9-2551)



MINNESOTA, NORTH DAKOTA, SOUTH DAKOTA
AND WISCONSIN
ROBERT MARKS
5111 W. 49th Street, Minneapolis 24, Minnesota
(West 9-6303)



ALL OF MICHIGAN, EXCEPT GREATER DETROIT
PAUL MOORE
225 Church Street, West Chicago, Illinois
(West Chicago 231-1793)



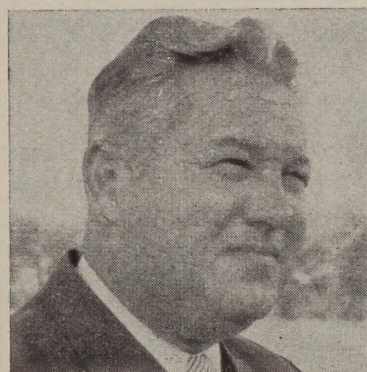
TENNESSEE, MISSISSIPPI, ALABAMA, LOUISIANA
ERIK MUNSON
1106 Drake Avenue, Huntsville, Alabama
(534-8882)



CONNECTICUT, WESTCHESTER COUNTY, NEW YORK
HUDSON VALLEY AND MOHAWK VALLEY
WILLIAM O'BRIEN
31 Crehore Road, Chestnut Hill 67, Mass.
(Fairview 3-2199)



COLORADO, NEW MEXICO, UTAH, WYOMING, NEBRASKA
H. GERARD OVEREYNDER
2017 Lark Drive, Colorado Springs, Colorado
(Melrose 5-2054)



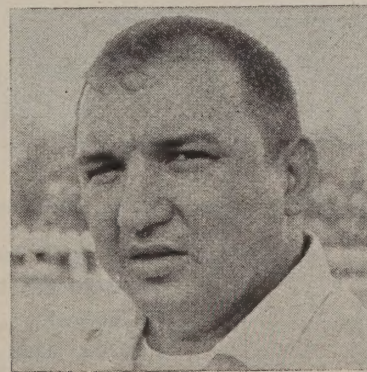
EASTERN PENNA. (Susquehanna River East), SOUTH N.J.
from Trenton South, MD., DEL., DIST. OF COLUMBIA, FLA.
WILLIAM PFEIFFER
801 Bethlehem Pike, Erdeneim, Philadelphia 18, Penna.
(Adams 3-1814)



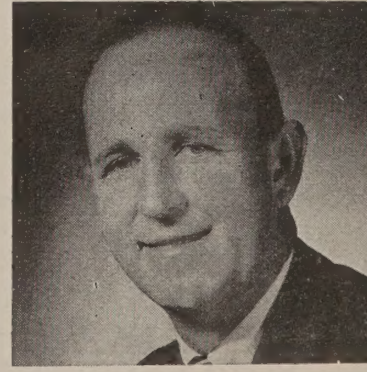
VIRGINIA, NORTH AND SOUTH CAROLINA, GEORGIA
JEROME RUSBY
336 Sardis Lane, Charlotte, North Carolina
(Emerson 6-1165)



OHIO, EXCEPT WESTERN SECTION WEST VIRGINIA
GALEN B. SMITH
4350 Hayden Rum Road, Columbus 21, Ohio
(Tu 9-1342)



INDIANA AND KENTUCKY
RICHARD TOMCZYK
6535 N. Evanston Avenue, Indianapolis, Indiana
(Clifford 5-8505)

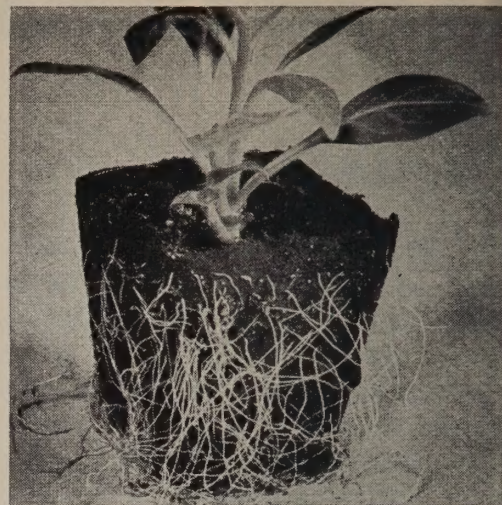


FLORIST SALES MANAGER
DON M. CAREY
601 W. Jackson Blvd., Chicago
(FRanklin 2-7560)

Val-Peat Pots

THE FINEST PEAT POT

Each year, Val-Peat pots are used by more and more growers. They know that Val-Peat pots year after year give the same uniformly fine performance. This uniformity is due to the blending of two types of peat moss plus high quality wood fibre with the correct amount of fertilizer. All Val-Peat pots are made right here in the United States in one factory under the watchful eyes of experienced personnel. Rigid quality control measures are met from the inspection and testing of raw materials right up to the finished product. Constant checks are made during all phases of production. The final check in greenhouses tests porosity, root penetration and other growth factors. Quality and this reliability are the reasons why more and more growers insist on Val-Peat pots. They recognize quality and uniformity. Val-Peat pots are available in both Lite-Weight, for short term crops and Standard Weight for longer term crops. We say, "a pot to fit every growing need."



VAL-PEAT POTS—LIGHTWEIGHT No. 10: Made especially for those crops which require a short time between potting to transplanting. The thin wall assures rapid root penetration.

VAL-PEAT POTS LIGHTWEIGHT NO. 10

Size: Top INSIDE measurement	Quantity	Price Per 1000	Price Per Case	Pots Per Case	Weight Per Case
S-1705 1 3/4" Square	3,000 to 27,000 30,000 to 72,000 75,000 and UP	\$7.20 6.85 6.50	\$21.60 20.55 19.50	3000	30 lbs.
S-1705A 2 1/4" Round	3,000 to 27,000 30,000 to 72,000 75,000 and UP	7.50 7.15 6.80	22.50 21.45 20.40	3000	34 lbs.
S-1705B 2 1/4" Square	2,500 to 27,500 30,000 to 72,500 75,000 and UP	8.40 8.00 7.60	21.00 20.00 19.00	2500	40 lbs.
S-1705C 3" Round	1,250 to 15,000 16,250 to 35,000 36,250 and UP	13.30 12.65 12.00	16.63 15.81 15.00	1250	26 lbs.
S-1705D 3" Square	1,200 to 9,600 10,800 to 24,000 25,200 and UP	16.00 15.25 14.50	19.20 18.30 17.40	1200	38 lbs.

VAL-PEAT POTS—STANDARD: Heavier-walled than the LIGHTWEIGHT No. 10, the standard is vitally needed for crops with longer periods of growth in the pot. They are sturdier, have the strength and life to withstand handling without loss.

VAL-PEAT POTS STANDARD

Size: Top INSIDE measurement	Quantity	Price per 1000	Price per case	Pots per case	Case Weight
S-1700B 2 1/4-in. Round	3,000 to 27,000 30,000 to 72,000 75,000 and UP	\$ 8.60 8.20 7.80	\$25.80 24.60 23.40	3000	44 lbs.
S-1700C 2 1/4-in. Square	2,000 to 26,000 28,000 to 72,000 74,000 and UP	\$10.80 10.25 9.75	\$21.60 20.50 19.50	2000	41 lbs.
S-1700D 3-in. Round	1,000 to 14,000 15,000 to 35,000 36,000 and UP	\$14.90 14.15 13.45	\$14.90 14.15 13.45	1000	27 lbs.
S-1700E 3-in. Square	1,000 to 9,000 10,000 to 24,000 25,000 and UP	\$18.90 17.95 17.05	\$18.90 17.95 17.05	1000	39 lbs.
S-1700F 4-in. Round Std.	500 to 4,500 5,000 to 12,000 12,500 and UP	\$29.75 28.25 26.85	\$14.88 14.13 13.43	500	30 lbs.
S-1700G 4-in. Azalea	500 to 4,500 5,000 to 12,000 12,500 and UP	\$29.75 28.25 26.85	\$14.88 14.13 13.43	500	30 lbs.

Use Val-Peat Pots for your Spring Bedding Plants, Geraniums, Vegetables, Poinsettias, Snaps, and other crops.



Quantity Discounts

Orders of \$1500.00—2% Discount
Orders of \$3000.00—3% Discount
Orders of \$6000.00—5% Discount

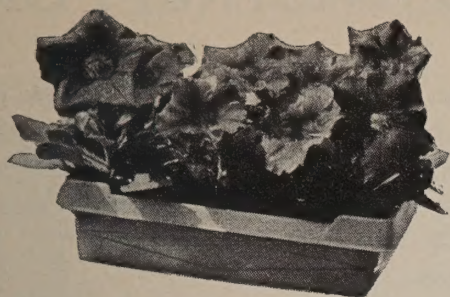
Various sizes may be combined to obtain quantity prices.

Add 5% to all prices for delivery in Washington, Oregon, Idaho, California, Utah, Nevada, and Arizona.

Prices prepaid on all orders weighing 150 lbs. or more in U.S.A. except Hawaii and Alaska.

Combine any Peat Pots with Val Paks, Market-Paks, and Val-Peat Pot Trays to make 150 lbs.

S-1715 Val-Peat Pot Trays



The trend of buying spring bedding plant and other annuals is on the increase. Your customers want their flowers to bloom earlier and the vegetable to bear fruit earlier. Val-Peat pot trays are the ideal pak to grow your peat pot plant in. These trays will hold 1 3/4" Sq., 2 1/4" Sq. or 3" Sq. Val-Peat pot. Since handling will be minimized we would suggest our Thinline pots.

This tray is made of a durable plastic in an attractive yellow color. A reinforced edge adds strength. Some growers have standardized the growing operation by

using these trays both with and without pots. You will be glad you used these trays this season and your customer will be more satisfied with the quality of their plants. **We do not split cartons.**

No. 1723B Holds 6 1 3/4 Val-Pots 6 1/16 x 4 1/16 x 2 1/16. Packed 500 per carton. 26 lbs.
Price Per 1000
500 to 1,000 **\$48.90**
1,500 to 10,000 **\$44.90**
10,500 UP **\$39.90**

No. 1734B Hold 12 1 3/4 Val-Pots 8 5/16 x 6 5/16 x 2 5/16. Packed 200 per carton. 16 lbs.
200 to 1,000 **\$68.90**
1,200 to 10,000 **\$63.90**
10,200 UP **\$58.90**

No. 2223B Holds 6 2 1/4 Val-Pots 8 1/4 x 5 5/8 x 2 9/16. Packed 200 per carton. 15 lbs.
200 to 1,000 **\$59.50**
1,200 to 10,000 **\$55.50**
10,200 UP **\$51.50**

No. 3023B Holds 6 3" Val-Pots 10 1/4 x 7 x 3 1/8. Packed 200 per carton. 22 lbs.
200 to 1,000 **\$159.90**
1,200 to 10,000 **\$155.90**
10,200 UP **\$149.90**

ALL NEW GLAMOUR PAK



Color is built into this all Glamour Pak new container... color to complement the beauty of the plants, Color to catch the customer's eye and trigger the impulse to buy. Yes, your plants in Glamour Paks make an irresistible combination.

For complete information See Back Cover.

Size and Description

We do not split cartons.

Model 57S—Individual paks measuring 4 7/8 x 6 1/4 x 2 1/4".

Model 57TL—6 Paks fastened together giving overall dimension of 10 1/2 x 20 x 2 1/4". Individual pak 4 7/8 x 6 1/4 x 2 1/4".

Model 57TS—6 Paks fastened together giving overall dimension of 13 1/4 x 16 x 2 1/4". Individual pak 4 7/8 x 6 1/4 x 2 1/4".

Model 78S—Individual paks measuring 6 1/2 x 7 3/4 x 2 1/4".

Model 78TL—6 Paks fastened together giving overall dimensions of 14 x 16 1/2 x 2 1/4". Individual pak 6 1/2 x 7 3/4 x 2 1/4".

S-1736 Model	Paks per case	Price per case	Price per 1000 paks	
			600 to 5400	6000 UP
57S	600	\$25.80	\$43.00	\$40.00
57TL	600	25.80	43.00	40.00
57TS	600	25.80	43.00	40.00
78S	400	26.00	65.00	60.00
78TL	400	26.00	65.00	60.00

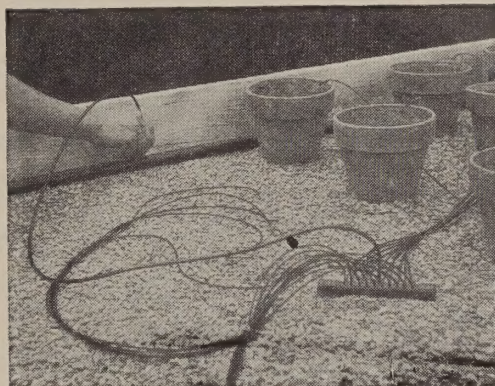
All Prices Prepaid east of the Rocky Mountains. Add \$1.75 per 1000 for delivery west of The Rocky Mountains. Shipping weight 35 lbs. per case.

**ALL PRICES SUBJECT TO CHANGE
WITHOUT NOTICE**

CHAPIN ADD-A-HEADER

FOR

- Any size bench.
- Any number of pots.



ADD-A-HEADER and PLUG-IN-MAIN

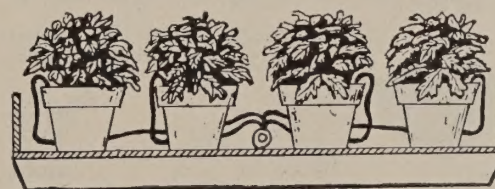
The PLUG-IN-MAIN has outlets ever 12 ins. Connect one ADD-A-HEADER for each 20 pots. Plugs are provided for outlets not in use.

S-1838 PLUG-IN-MAIN
Including end fittings, per foot **15c**

ADD-A-HEADER P20

A completely assembled package ready to place on bench. Equip an entire bench in minutes!

S-1839 Order one ADD-A-HEADER for each 20 pots.
Each **\$2.85**



CUSTOM LENGTH BENCHES

Write, phone or wire for additional information and quotations for a bench, a house or a whole range stating... length of bench, width of bench, total number of pots in bench, number pots across bench.

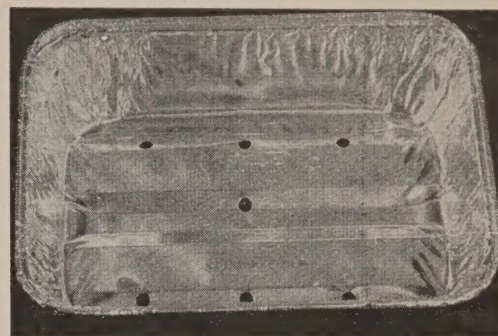
Chapin WATERMATIC Systems...

- Use existing water supply—only a 3/4-in. water main is required.
- Water 1600 potted plants in 2 seconds of your time.
- Are economical to install—pay for themselves in a few months.
- Are adjustable—from 2 to 42 oz. of water per plant.

S-1735 VAL-PAC ALUMINUM CONTAINER

For growers who prefer aluminum.

Size 5 5/8 x 8 x 2 3/8". Seven 1/4" holes provide adequate drainage. The holes are offset for better drainage. The rolled rim adds strength.



Weight: 40 lbs. per 1000

500 F.O.B. Chicago For \$27.50

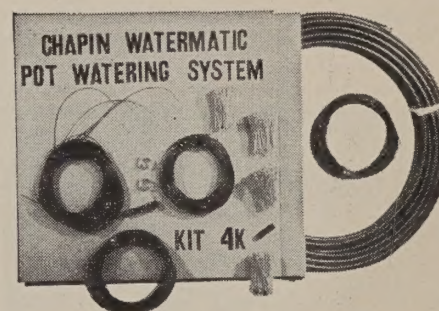
Prepaid prices per 1000

1,000—4,000 Prepaid per 1,000 **\$54.00**
5,000—9,000 Prepaid per 1,000 **53.00**
10,000—24,000 Prepaid per 1,000 **52.00**
25,000—49,000 Prepaid per 1,000 **50.00**

CHAPIN WATERMATIC

Pot Watering System

KITS FOR BENCHES 100 FOOT LONG



Kits include 100 ft. predrilled 1/2-in. plastic main, 36-in. black polyethylene leader tubes precut at proper angle for easy installation, pot clips and fittings for 2 ends.

(Not bulk material)

S-1836A 1K Kit for 100 pots—100-ft. bench.. **\$16.20**
S-1836B 2K Kit for 200 pots—100-ft. bench.. **22.45**
S-1836C 3K Kit for 300 pots—100-ft. bench.. **28.70**
S-1836D 4K Kit for 400 pots—100-ft. bench.. **34.95**
S-1836E 5K Kit for 500 pots—100-ft. bench.. **40.20**
S-1836F 6K Kit for 600 pots—100-ft. bench.. **46.45**

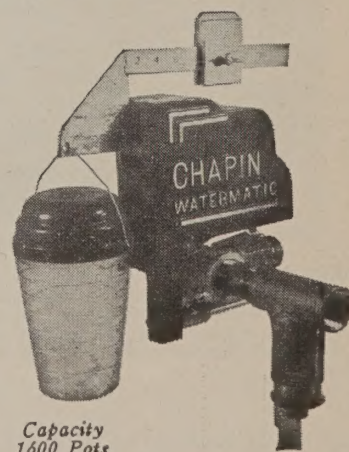
Ordering Instructions:

Choose the system that will best suit your bench's need. Then add one WATERMATIC Valve and one Line Strainer for each 1600 pots.

CHAPIN WATERMATIC VALVE and LINE STRAINER

SET IT—

FORGET IT!



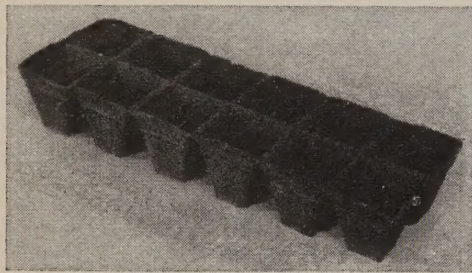
Capacity
1600 Pots

S-1837 Watermatic Valve with 3/4" pipe thread **\$23.50**
S-1837A Line Strainer No. A 3/4" Brass..... **7.10**

Jiffy Pots—Jiffy Strips—Poly-Trays—Market Paks



Jiffy Pots are the Peat Pots imported from Norway and Denmark. These pots have been used successfully by growers both here in the United States and Overseas. A wide variety of sizes and shapes are offered. This pot best compares with the Val-Peat Pot Thinline. You can combine Jiffy Pots, Market Paks, Val Peat Pot Trays, Jiffy Trays and Val Peat Pots to make 150 lbs. for Prepayment. **We do not split cartons.**



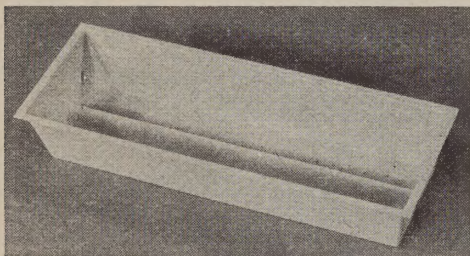
JIFFY STRIPS

Now two sizes available.

Model 517 is 12 1 $\frac{3}{4}$ " Sq. Jiffy Pots fastened together.

Model No. 522 is 12 2 $\frac{1}{4}$ " Sq. Pots fastened together.

Many growers welcomed the addition of the Jiffy Strips to the bedding plant containers available for use last season. You will want to try some if you haven't already.



Poly Trays to hold Jiffy Strips and Jiffy Pots.

These light weight plastic trays are made to hold Jiffy Pots and Jiffy Strips. May be used without pots as plant paks. Blue-Grey in color.



MARKET-PAKS. Ideal containers for growers specializing in seedlings. Strong and durable—hard-pressed wood fiber impregnated with asphalt. Used by growers for over 5 years and are well-known as a quality container. Available in 7 sizes to fit your growing needs.

Sizes may be combined for minimum price. Orders for 150 lbs. or more ship Pre-Paid Except in Utah, Washington, Oregon, California, Arizona, Nevada, Idaho, Hawaii, and Alaska. Combine, Market-Paks, Val-Peat Pots, Jiffy Pots, and Val-Peat Pot Trays to make 150 lbs.

JIFFY POTS

Model No.	Top Diam. Size and Shape	Pots Per Case	Price Per 1000 1 to 9 Cases	Price Per 1000 10 to 24 Cases	Price Per 1000 25 cases and over	Weight Per Case
S-1720A	115 1 $\frac{1}{2}$ " Round	3000	\$5.70	\$17.10	\$5.40	\$5.10 17 lbs
S-1720B	122 2 $\frac{1}{4}$ " Round	3000	7.50	22.50	7.15	6.80 37 lbs
S-1720C	222 2 $\frac{1}{4}$ " Square	2500	8.40	21.00	8.00	7.60 37 lbs
S-1720D	130 3" Round	1500	13.30	19.95	12.65	12.00 37 lbs
S-1720E	230 3" Square	1000	16.00	16.00	13.25	14.50 40 lbs
S-1720G	335 3 $\frac{1}{2}$ " Shorty	1000	17.75	17.75	16.50	15.25 40 lbs
S-1720H	340 4" Shorty	500	29.50	14.75	28.00	26.50 35 lbs
S-1720J	425 2 $\frac{1}{2}$ " Rose Pots	2000	10.00	20.00	9.50	9.00 35 lbs
S-1720K	517 1 $\frac{3}{4}$ " Jiffy Strips	3600	6.90	24.84	6.55	6.20 35 lbs
S-1720L	L217 1 $\frac{3}{4}$ " Square	3000	7.20	21.60	6.85	6.50 34 lbs
S-1720M	M522 2 $\frac{1}{4}$ " Jiffy Strips	2400	10.08	24.19	9.60	9.12 34 lbs

JIFFY STRIP POLY TRAYS

Cat. No.	Model	Dimension	Holds	Pack per case	1 to 9 Cases	10 to 24 Cases	25 Cases and Over	Wt.
9 1 $\frac{3}{4}$ " Jiffy Pots								
S-1720W	J-617	5 $\frac{7}{8}$ x4 $\frac{1}{8}$ x2 $\frac{1}{8}$ "		500	\$43.00	\$40.00	\$37.00	20 lbs
1 Jiffy Strip 517 or 12 1 $\frac{3}{4}$ " Pots								
S-1720X	J-175	12 $\frac{5}{8}$ x4 $\frac{1}{2}$ x2		300	58.00	55.00	52.00	21 lbs
6—2 $\frac{1}{4}$ " Jiffy Pots								
S-1720Y	J-26	6 $\frac{7}{8}$ x4 $\frac{1}{8}$ x2 $\frac{1}{2}$ "		250	59.00	55.00	52.00	12 lbs
1 Jiffy Strip 522 for 12 2 $\frac{1}{4}$ " Jiffy Pots								
S-1720Z	J-225	13 $\frac{3}{4}$ x4 $\frac{3}{4}$ x2 $\frac{3}{8}$ "		200	74.00	70.00	66.00	18 lbs

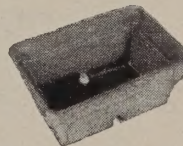
For delivery in Hawaii, Alaska, Washington, Oregon, Utah, Nevada, Idaho, Arizona, California add \$3.00 per 1000 for Model J-617, add \$4.00 per 1000 for Models J-175, J-26 and J-225.

Prices Prepaid on all orders for 5 cases or more in U.S.A. except Hawaii and Alaska.

S-1740 MARKET-PAKS

No. 24 4 $\frac{1}{8}$ x5 $\frac{1}{4}$ x2 $\frac{1}{2}$ in. Packed 250 per case. Minimum order 250. 17 lbs. per case.

Quantity	Per 1000
250 to 750	\$31.00
1000 to 9,750	28.00
10,000 to 49,750	26.00
50,000 UP	24.00

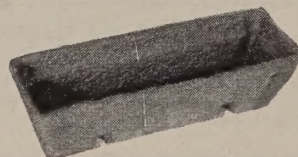


No. 28 5 $\frac{1}{8}$ x5 $\frac{1}{2}$ x2 $\frac{1}{4}$ in. Packed 250 per case. Minimum order 250. 23 lbs. per case.

Quantity	Per 1000
250-750	\$39.00
1000 to 9,750	35.00
10,000 to 49,750	33.00
50,000 UP	30.00

No. 30 2 $\frac{7}{8}$ x10 $\frac{1}{4}$ x2 $\frac{1}{4}$ in. Packed 200 per case. Minimum order 200. 17 lbs. per case.

Quantity	Per 1000
200 to 800	\$41.00
1,000 to 9,800	37.00
10,000 to 49,800	35.00
50,000 and Up	32.00



No. 42 5 $\frac{1}{4}$ x7 $\frac{1}{2}$ x2 $\frac{3}{8}$ in. Packed 200 per case. Minimum order 200. 20 lbs. per case.

Quantity	Per 1000
200 to 800	\$44.00
1,000 to 9,800	40.00
10,000 to 49,800	38.00
50,000 and Up	35.00



No. 44 5 $\frac{1}{2}$ x7 $\frac{1}{2}$ x2 $\frac{3}{4}$ in. This pak can best be described as a deep Market-Pak No. 42. Packed 200 per case. Minimum order 200. 23 lbs. per case.

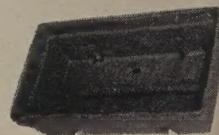
Quantity	Per 1000
200 to 800	\$49.00
1,000 to 9,800	45.00
10,000 to 49,800	43.00
50,000 and UP	40.00

New No. 57 6 $\frac{3}{4}$ x8 $\frac{3}{8}$ x2 $\frac{3}{4}$ " in. Packed 200 per case. Min. order 200. 26 lbs. per case.

Quantity	Per 1000
200 to 800	\$75.00
1,000 to 9,800	70.00
10,000 to 49,800	66.00
50,000 UP	62.00

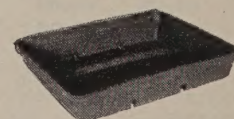
No. 60 6x10x2 $\frac{3}{8}$ in. Packed 200 per case. Minimum order 200. 28 lbs. per case.

Quantity	Per 1000
200 to 800	\$67.00
1,000 to 9,800	61.00
10,000 to 49,800	57.00
50,000 and UP	53.00



Half Flat 10x12x2 $\frac{3}{8}$ in. Packed 200 per case. Minimum order 200. 50 lbs. per case.

Quantity	Per 1000
200 to 400	\$110.00
600 to 4,800	100.00
5,000 and UP	90.00



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Bird Vita Bands And Perennial Pots

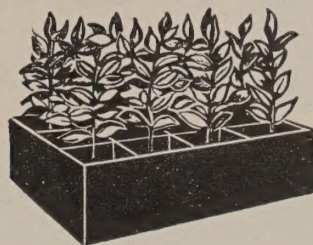


You get better plants because Vita-Bands eliminate transplant shock by containing roots until transplant time. Vita nutrient feeds plant during initial growth. There's no nitrogen depletion of soil. Plants mature 7 to 10 days earlier.

Vita-Band D Disintegrates in the soil when transplanted—no need to remove band.

Vita-Band 10 for growing periods of 8 to 10 weeks.

Vita-Band H for extra-long growing periods.



BIRD "TOM THUMB" FLATS

F.O.B. Chicago or New York, N.Y.

S-1394 Made of heavy fibre resinous material. Easily set up. Comes in two sizes; No. 1 holds dozen 1 1/4-inch bands; No. 2 holds dozen 2-inch bands. You will find these ideal for counter sales of bedding or vegetable plants. Prices flats only.

No. 1 per 1,000.....\$44.70
No. 2 per 1,000.....\$49.60

STAPLED WOOD VENEER PLANT BANDS

S1780 Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors. Sold in original cases only.



F.O.B. CHICAGO

	1000 to 9000	10,000 to 49,000	50,000 or more	With Bottoms
1 1/4 x 1 1/4 x 2 1/2	\$7.45	\$7.35	\$7.25	\$11.90
2 x 2 x 2 1/2	7.55	7.45	7.35	12.00
2 1/2 x 2 1/2 x 2 1/2	7.90	7.80	7.70	12.35
2 x 2 x 3	8.20	8.10	8.00	12.50
2 1/2 x 2 1/2 x 3	8.40	8.30	8.20	12.95
3 x 3 x 3	9.00	8.90	8.80	13.30
3 x 3 x 4	9.25	9.15	9.05	13.90
4 x 4 x 4	10.45	10.35	10.25	15.50

F.O.B. DONGOLA, ILL.

	\$6.20	\$6.10	\$6.00	\$ 9.90
1 1/4 x 1 1/4 x 2 1/2	6.30	6.20	6.10	10.00
2 x 2 x 2 1/2	6.60	6.50	6.40	10.30
2 1/2 x 2 1/2 x 2 1/2	6.60	6.50	6.40	10.30
2 x 2 x 3	7.00	6.90	6.80	10.80
2 1/2 x 2 1/2 x 3	7.50	7.40	7.30	11.10
3 x 3 x 3	7.70	7.60	7.50	11.60
3 x 3 x 4	8.70	8.60	8.50	12.90

ALL PRICES PER 1000

SOLD IN CASE LOTS ONLY

VITA BAND "D"

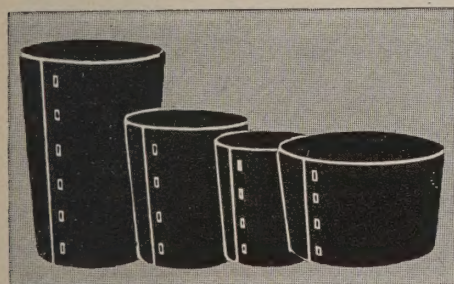
	1 1/2 x 2 1/2	1 3/4 x 2 1/2	2 x 2 1/2	2 x 3	2 1/2 x 3	3 x 3	4 x 3	4 x 4
0- 8,000	\$5.20	\$5.55	\$5.80	\$6.30	\$6.75	\$7.60	\$9.90	\$12.40
10,000- 24,000	5.10	5.40	5.60	6.35	6.60	7.40	9.70	12.20
25,000- 48,000	5.00	5.25	5.45	6.20	6.45	7.20	9.50	11.95
50,000-200,000	4.85	5.15	5.35	6.05	6.30	7.05	9.35	11.60
202,000-500,000	4.55	4.90	5.05	5.70	5.95	6.65	8.75	11.05
502,000-Over	4.45	4.80	4.95	5.55	5.85	6.50	8.55	10.75
Bands Per Case	2000	2000	2000	2000	2000	1000	1000	1000
Wt. Per Case	18	21	23	28	34	40	27	35

VITA BAND "10"

	\$5.05	\$5.40	\$5.65	\$6.20	\$6.70	\$7.45	\$9.65	\$12.00
0- 8,000	4.95	5.25	5.50	6.05	6.55	7.25	9.45	11.80
10,000- 24,000	4.85	5.10	5.35	5.90	6.40	7.10	9.25	11.60
26,000- 48,000	4.65	5.00	5.25	5.70	6.25	6.90	9.00	11.25
50,000-200,000	4.45	4.70	4.95	5.40	5.90	6.50	8.50	10.65
202,000-500,000	4.35	4.60	4.85	5.30	5.80	6.40	8.35	10.40
502,000-Over	4.35	4.60	4.85	5.30	5.80	6.40	8.35	10.40
Bands Per Case	2000	2000	2000	2000	2000	1000	1000	500
Wt. Per Case	32	36	41	49	61	36	47	32

VITA BAND "H"

	\$6.55	\$6.95	\$8.15	\$8.70	\$9.15	\$11.25	\$13.75
0- 8,000	6.40	6.75	7.95	8.50	8.90	11.00	13.55
10,000- 24,000	6.25	6.60	7.75	8.30	8.70	10.70	13.35
26,000- 48,000	6.10	6.45	7.55	8.10	8.50	10.45	12.90
50,000-200,000	5.75	6.10	7.15	7.65	8.05	9.85	12.25
202,000-500,000	5.60	6.00	7.00	7.50	7.90	9.65	11.95
502,000-Over	5.60	6.00	7.00	7.50	7.90	9.65	11.95
Bands Per Case	1000	1000	1000	1000	1000	500	500
Wt. Per Case	26	30	35	42	50	34	45



S-1725 BIRD PERENNIAL POTS. Lightweight.

This pot enables you to lengthen your selling season from 3 to 5 months. They're rugged—yet lightweight. They're long-lasting—yet inexpensive. They reach you completely assembled—with a solid stapled bottom. Hard coating inside and out adds to their durability. Openings in bottom allow proper drainage.

Bird Perennial Pots are ideal for all kinds of perennials, roses, bulbs, shrubs. 5" x 8" is a mum pan. **Sold in original cartons only.** Total of 600 Pots or more take 1,000 rate. **F.O.B. Chicago, or New York.**

Height	Top dia.	Bottom dia.	Weight per 1000	Per case of 200	Per 1000
5 1/2-in.	8-in.	7-in.	325 lbs.	\$14.30	\$65.00
5 1/2-in.	5-in.	4-in.	165 lbs.	10.45	47.50
6 1/2-in.	6-in.	4 1/2-in.	220 lbs.	13.00	58.50
9 1/2-in.	7-in.	5 1/2-in.	355 lbs.	15.00	69.00

S-1396 BIRD NEPONSET RED PAPER POTS

For shipping only.

We Do Not Split Cartons

Size, inch	Per ctn. F.O.B. New York or Chicago	Original ctns. hold	Gross wt. of ctn.
2	\$19.80	2,000	20 lbs.
2 1/4	19.80	2,000	24 lbs.
2 1/2	20.00	2,000	32 lbs.
3	21.10	2,000	44 lbs.
3 1/2	13.90	1,000	32 lbs.
4	16.90	1,000	42 lbs.
5	10.45	500	33 lbs.
6	12.85	500	47 lbs.

WOOD SEED FLATS

S-1490 Made from clean Cypress, knocked down, put up in bundles of ten flats each. Approximate weight per bundle, 50 lbs. **Do Not Break Bundles.** **F.O.B. Chicago.**

No.	Dimensions	Bundle of 10
No. 3	21 1/2 x 14 x 2 3/4 in.	\$7.40
No. 3-A	21 1/2 x 14 x 3 3/4 in.	8.05
No. 4	24 x 15 x 2 3/4 in.	8.30
No. 4-A	24 x 15 x 3 3/4 in.	8.70

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PERM-A-NEST PLANT TRAYS

For Florists and Home Growers. Easy carrying and lightweight. Attractive grouping of potted plants with natural watering from the bottom. No leakage or mud stains. Made of rugged, shatterproof, high-impact polystyrene. For Greenhouse Seed and Bulb Flats. Controlled drainage—drill out drain embossments as desired. No Plant disease from Permanests. Smooth hard surface has no bacteria-hiding pores. Washable. Easily sterilized with ordinary detergents. **Sold in original cartons only.** Colors: Light Green. **F.O.B. Chicago.**

Cat. No.	Sizes	Quantity per ctn.	Weight per ctn.	Cost per ctn.	Retail Each
S-818A	4 x 8 x 2 1/2"	36	4 lbs.	\$5.67	\$.25
S-818B	8 x 8 x 2 3/4"	24	7 lbs.	7.35	.49
S-818C	8 x 12 x 2 3/4"	12	4 lbs.	4.43	.59
S-818D	22 x 11 x 2 3/4"	6	7 lbs.	7.43	1.98
S-818E	13 x 15 x 3 1/2"	6	7 lbs.	7.43	1.98



Distributors of CLOVERSET POTS

S-1730

CLOVERSET POTS. Total of 400 or more pots takes 1000 rate. **We Do Not Break Cartons.**

SIZES FOR EVERY NEED

Roses, Perennials, Shrubs and Young Trees. Lasts a full year or more in the sales frame. Contains roots safely within the soil ball; permits transplanting any time. Has adequate bottom opening for good drainage without waterlogging; no gravel necessary. Rests on wide bottom; no blowing over in the frames.

Std. Pots	Top Dia.	Height	Per Carton	Wt. Per 1000	F.O.B. CHICAGO Per Carton	F.O.B. CHICAGO Per 1000
No. 0	5"	5 1/2"	200	210 lbs.	\$10.50	\$47.00
No. 1	6"	6 1/2"	100	331 lbs.	6.50	56.00
No. 2	7"	7 1/2"	100	520 lbs.	7.25	65.00
No. 3	8"	8 1/2"	100	550 lbs.	8.10	70.00
No. 4	12"	13"	Per 100	130 lbs.	Carton of 25	

\$8.50; 100 for \$29.25; 1,000 for \$275.00.

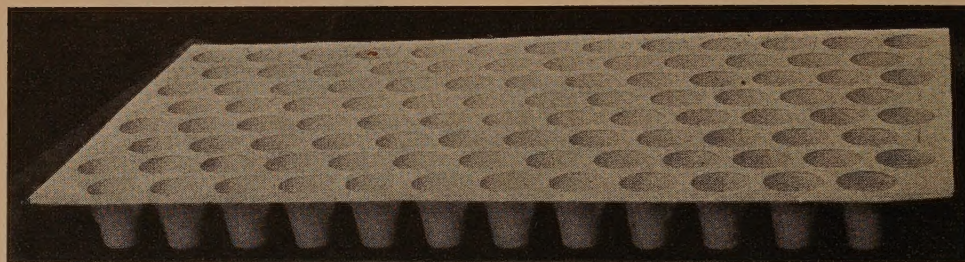
Now! MULTIPOT (Pat. Pending)

Radically Reduces Labor of Plant Growing!

Produces Better Plants at Lower Cost

The Secret of Multipot . . .

It's a flexible plastic tray with molded-in, pot-shaped depressions. Plastic is extra smooth for easy plant removal and is water and air-tight to prevent the evaporative cooling of plant roots which can stunt growth. Drain



hole in base of each pot. Trays are all 12x22 inches in size and are available with choice of pot sizes from 1 1/4 inches to 2 3/4 inches. There are 24 to 100 pots per sheet depend-

ing on size of pot. Multipots are completely durable. Use them over and over again; they should last 3 or more years in average service. Unharmed by chemical sterilization.

Look at These Advantages:

- **PRODUCE MORE.** Get 50% more cuttings in same space.
- **PRODUCE FASTER.** Plastic keeps roots warmer for faster growth.
- **SAVE SOIL.** You use only 1/5 as much!
- **SAVE SPACE** formerly wasted with pots and flats storage.
- **PROTECT ROOTS.** So smooth you remove plants without damaging a hair.
- **RINSE CLEAN WITH WATER.** Smooth, poreless plastic needs no scrubbing.

EASIER TO USE . . .



Simply heap on soil, then . . .

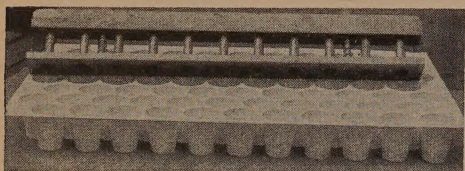


Level off soil with board and . . .



Plant individual cuttings.
And that's all you do.

To make planting even easier and faster, use the Multiple Dibber shown below. Just place it over tray with points in line with pots and press down. Presto! A whole row of holes in the time it ordinarily takes to make one!



84% LIGHTER!

You can easily carry a filled tray in each hand! Saves labor, time—money!



RUGGED AND STRONG

Note how tray bends but does not break when held completely filled at its most fragile angle.

MULTIPOT SIZES AND PRICES

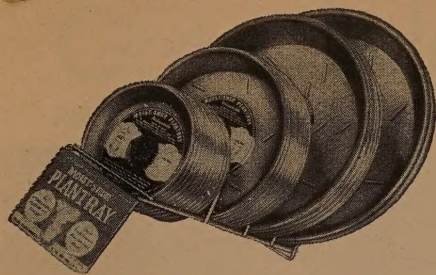
S-1721A	M-35—100, 1 1/4-in. Pots per tray
S-1721B	M-40— 77, 1 1/2-in. Pots per tray
S-1721C	M-50— 54, 2-in. Pots per tray
S-1721D	M-70— 27, 2 3/4-in. Pots per tray

**20 Trays per Case Prices (all sizes)
We do not split cartons.**

1-9 Cases	\$25.00
10-24 Cases	22.50
25 Cases Up	20.00

S-1074 MULTIPLE DIBBER for each size tray \$2.50, Postpaid. **State size.**

Add 5% for delivery in Washington, Oregon, California, Utah, Nevada, Arizona, Idaho, Alaska, and Hawaii.
Prepaid to all states except Alaska and Hawaii.



F. O. B. Chicago

S-995 RUBBER SAUCER ASSORTMENT. Green only. Made of finest grade unbreakable rubber. They are beautiful and economical. In an attractive display stand consisting of 27 Plantrays listed as follows. Weight per assortment—18 lbs. Display rack and 12 No. 1 Saucers, 9 No. 2, 4 No. 3, and 2 No. 4. Per Ass't Retail Value \$24.90; Dealer price, each **\$15.00**.

S-994 RUBBER SAUCER REFILL. Green only. Plant trays (rubber saucers) without display stand. For refilling your display.

	Packed	Wt.	Cost	Retail
No. 1—Takes up to 6" pot	12	2 lbs.	\$ 2.88	\$0.40
No. 2—Takes up to 8" pot	12	5 lbs.	5.76	.80
No. 3—Takes up to 10" pot	12	14 lbs.	11.52	1.60
No. 4—Takes up to 12" tub	3	5 lbs.	5.85	3.20
No. 5—Takes up to 14" tub	3	8 lbs.	8.75	4.75
No. 6—Takes up to 21" tub	3	12 lbs.	12.15	6.75

S-1360 HAWAIIAN FERNWOOD POLES

We Do Not Split Cartons

Size	F.O.B. Chicago	Poles Per Carton	Lbs. Per Carton	Price Per Carton
1 x 1 x 16 ins.		144	16	\$19.50
1½ x 1½ x 18 ins.		64	15	14.00
1½ x 1½ x 24 ins.		64	25	19.75
2 x 2 x 18 ins.		36	13	9.75
2 x 2 x 24 ins.		36	20	15.50
2 x 2 x 30 ins.		36	28	21.75
2 x 2 x 36 ins.		36	32	28.00
2 x 2 x 48 ins.		36	43	38.00
3 x 3 x 36 ins.		16	30	26.50
3 x 3 x 48 ins.		16	40	36.50
3 x 3 x 60 ins.		4	16	12.75

S-1358 SPAGNUM MOSS FILLED TOTEM POLES

Machine made of all sphagnum moss, wire reinforced. Contains no wood center. Light weight but strong. Moss holds up to 19 its weight in water.

Size	Diameter	Wt. per doz.	Price, Doz.
18 in.	2¼"	5 lbs.	\$ 5.18
24 in.	2½"	7 lbs.	6.05
30 in.	2½"	9 lbs.	8.05
36 in.	2½"	11 lbs.	9.52
42 in.	2½"	13 lbs.	10.50

F.O.B. Chicago

S-1722 GREEN FLOWER TUBS

F.O.B. Chicago

Securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Prices subject to change without notice. 12 assorted size tubs take dozen rate.

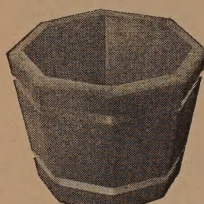


Inside Dimensions	Wt. Each	Price Each	Per Doz.
7 in. x 7 in.	1½	\$1.50	\$15.60
8 in. x 8 in.	2	1.60	16.80
10 in. x 9 in.	3	1.95	20.80
12 in. x 11 in.	4	2.75	29.60
14 in. x 13 in.	6	4.35	46.40
16 in. x 15 in.	8	5.20	55.60
18 in. x 17 in.	10	7.35	80.00

S-1723 REDWOOD TAPERED OCTAGONAL PLANT TUBS

F.O.B. Chicago

Only the finest quality Redwood, satin brass and finish materials are combined with high style design and expert craftsmanship to produce.



For utility and Beauty in any garden. Rounded top and bottom edges to prevent splintering. Made of well seasoned California redwood. Bound with brass bands. Ventilation under tub.

Model	Dimensions	Packed	Wt. per ctn.	Prices Per Ctn.	Retail
O-8	8x 8x 5¼ H	6	15	\$2.00	\$10.80
O-10	10x10x 7 H	6	21	2.35	12.90
O-12	12x12x 9 H	6	30	3.10	16.80
O-14	14x14x11 H	6	42	3.85	21.00
O-16	16x16x13 H	4	36	5.05	18.40
O-18	18x18x15 H	4	45	5.90	21.60
O-21	21x21x18 H	2	33	7.90	14.40
O-24	24x24x21 H	2	41	9.90	18.00

S-1750 SHEET MOSS GREEN, Extra fancy large sacks for Windows, Baskets, etc. Per sack, \$3.25; 3 sacks, \$9.00. FOB Chicago.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



ALL STEEL FLOWER and PLANT BOXES

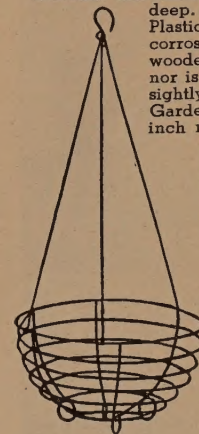
Green enamel finish. They're heavy-duty steel, beautifully embossed with a floral leaf design. Features a built-in drainage plate. Rolled edges (over heavy steel wire) make these boxes extremely sturdy. They're perfect for indoor or outdoor use. Nested to save storage space. 7½" wide by 5 inches deep. **We do not split cartons.**

Cat. No.	Size	Packed	Wt. per ctn.	Dealers Cost per ctn.	Retail
S-822	18"	12	22 lbs.	\$ 9.90	\$1.50
	24"	12	25 lbs.	11.55	1.75
	30"	6	16 lbs.	7.20	2.00
	36"	6	19 lbs.	9.00	2.50



S-827 FIBER GLASS FLOWER AND PLANT BOXES.

All boxes 7½ inches wide x 5½ inches deep. Molded of Fiber Glass Reinforced Plastic. Guaranteed against leaking, are corrosion proof. Will out-last steel and wooden boxes. No painting is required nor is the surface finish subject to unsightly scratches. Comes in three colors: Garden Green, Black, and White. 18 inch retails at \$2.70, per carton of 6, **\$9.72**; 24 inch retails at \$3.15, per carton of 6, **\$11.34**; 30 inch retails at \$3.55, per carton of 6, **\$12.78**; 36 inch retails at \$3.98, per carton of 6, **\$14.33**. **We do split cartons.**



S-992 Wire Hanging Baskets with hangers. Sturdily built for long service. Painted green. Packed 10 to a bundle. **We do not split bundles.**

	Price per 10 baskets
8 inch.....	\$5.50
10 inch.....	6.00
12 inch.....	7.00
14 inch.....	8.00
16 inch.....	10.00

S-1802 WILSON PLASTIC POTS

Utility Color: Mottled Green. Standard Colors: Royal Antique White, Spring Green, Daffodil Yellow, Geranium Red. Sold in original cartons only.

Now you can buy Wilson Plastic Pots either F.O.B. Chicago, Ill. or Orlando, Florida. We ship from the closest place. Utility color only F.O.B. Chicago. Standard Colors shipped from Florida. **WE DO NOT SPLIT CARTONS. ADD 10% FOR COLOR POTS. All Prices Per 1000.**



Pots	Size	Diameter	Depth	1/9 Ctns.	over 10 Ctns.	Pots Per Carton	Wt. Per Carton
R-200	2"	2"	1½"	\$ 10.00	\$ 8.50	1000	13
R-225	2¼"	2¼"	2¼"	10.75	9.00	1200	20
R-250	2½"	2½"	2½"	11.50	9.25	1000	20
R-300	3"	3"	2¾"	15.50	13.00	1000	36
R-400	4"	4"	4"	29.50	25.50	500	32
R-500	5"	5"	5"	60.00	52.00	300	38
R-600	6"	6"	6"	95.00	80.00	120	28
R-700	7"	7"	6⅞"	155.00	130.00	72	27

Round Tubs

RT-350	3½"	3½"	2¼"	24.00	20.00	1000	38
RT-400	4"	4"	2⅞"	28.00	24.00	500	26
RT-500	5"	5"	3¼"	57.00	50.00	384	35
RT-600	6"	6"	4½"	82.00	70.00	120	20

Square Pots

S-225	2¼"	2⅞"	2"	10.00	8.00	1000	18
S-250	2½"	2¾"	2⅞"	13.75	11.75	1000	22
S-300	3"	3¼"	2⅞"	17.00	14.00	1000	34
S-400	4"	3¾"	3¼"	30.00	26.00	500	32

Square Rose Pot

SRP-250	2½"	2¾"	3¼"	20.00	17.00	1000	32
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Gallon Can (Trade Desig.)

No. 10 Planta-Can	6⅞"	6½"	115.00	100.00	150	43
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NOW! UTILITY COLOR, F.O.B. CHICAGO, ILL.

(See above)

Stakes—Supports—Labels

S-1366 BAMBOO STAKES, Green Painted. We do not split bundles of 250.

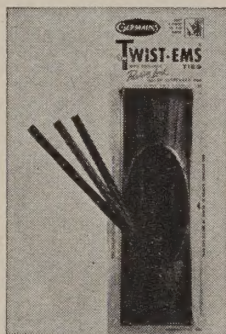
	F.O.B.	Chicago	Per	F.O.B.	New
	Per	Per	Bale of	Per	York
	250	1000	2000	250	1000
1½ feet....	\$1.25	\$ 3.50	\$ 6.00	\$1.25	\$ 3.50
2 feet.....	1.50	4.50	8.00	1.50	4.50
2½ feet.....	1.75	5.50	10.00	1.75	5.50
Natural, 6 ft.	6.75	24.50	.....	6.75	24.50
3 feet.....	2.25	7.25	13.00	2.25	7.25
3½ feet.....	2.75	9.00	16.00	2.75	9.00
4 feet.....	2.95	10.00	18.00	2.95	10.00
6 ft. green	7.00	25.00	.....	.....	.....

S-1364 SPLIT BAMBOO STAKES. Green-thin but strong. Sold in full bales only.

	Per bale	Per 100
	of 5,000	Chicago
12 in.....	\$10.00	.....
15 in.....	14.00	.....
18 in.....	16.00	.....
24 in.....	24.00	.....

S-1380 HEAVY TONKIN (BAMBOO) STAKES, NATURAL COLOR: Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen.

	F.O.B.	F.O.B.
	New York	Chicago
	Per 100	Per 100
Length Diameter		
4 feet ½ to ¾ inch.....	\$ 6.45	\$ 6.95
5 feet ¾ to 1 inch.....	8.50	9.25
6 feet 1 to 1½ inch.....	9.75	10.75
7 feet 1½ to 2 inch.....	13.65	14.75
8 feet 2 to 2½ inch.....	17.50	18.60



TWIST-EMS. Handy utility plant ties, deep green color. The wire running through the center of tape makes them unbreakable. Tape protects stem against injury. For all types of plants. Assortment T7 contains 36 pkgs. of 100, 8 in. size. T8 assortment, 36 pkgs. of 100, 16 inch. T9 assortment is 12 rolls of 250 ft. each continuous twist-em.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-600	T7	36	5 lbs.	\$6.26	\$0.29
	T8	36	10 lbs.	12.31	0.57
	T9	12	9 lbs.	7.20	1.00

TWISTEMS DISPENSER PACK (Pictured Above)

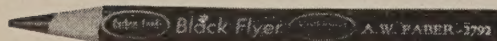
Same as above but in Dispenser Packages. Model T-10 is a 150 ft. continuous roll.

Model T-11 is a package of 100—7 in. ties.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-602A	T10	24	4 lbs.	\$14.12	\$0.98
S-602B	T11	24	8 lbs.	6.34	0.44

TWIST-EMS (BULK). Same as above but not in packages. Put up in bundles of 250. For growers and large users of twist-ems.

Cat. No.	Size	Packed	Per 1000	\$
S-605	4 in.	1000	.....	.90
	4 in.	50000	.....	.83
	8 in.	1000	.....	1.60
	8 in.	25000	.....	1.45
	12 in.	1000	.....	2.35
	12 in.	12500	.....	2.23
	16 in.	1000	.....	3.25
	16 in.	10000	.....	2.90



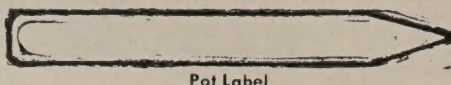
WEATHER PROOF PENCILS. Black lead. Ideal for marking pot labels, garden stakes or other outdoor work.

Cat. No.	Packed	Wt.	Dealers Cost	Retail
S-577	12	½ lb.	\$ 1.15	\$0.15
	36	½ lb.	3.10	.15
	72	1 lb.	5.85	
	144	2 lbs.	10.80	.15

S-1446 SIEVES. For sifting soil 18 inches in diameter, sizes mesh ¼", ½", ¾", 1". Specify size when ordering. Each \$3.75; postpaid \$4.15.



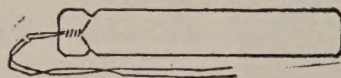
WOOD POT LABELS



WOOD POT LABELS. We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ½ inch wide. When ordering, specify pot labels or garden stakes, painted or plain. **5% discount in lots of 10M.** FOB Chicago.

	Packed to Carton	S-1400 Plain Per 1000	S-1401 Painted Per 1000
4-inch x ½"	1000	\$3.20	\$3.95
5-inch x ½"	1000	3.45	4.30
6-inch x ½"	1000	3.80	4.75
8-inch x ½"	500	5.50	7.00
10-inch x ½"	500	6.75	8.50
12-inch x ½"	500	8.00	10.10

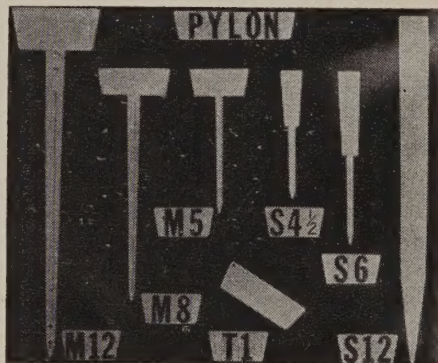
	Packed to Carton	S-1402 Plain Per 1000	S-1403 Painted Per 1000
8-inch—¾" wide..	250	\$ 8.10	\$ 9.50
10-inch—¾" wide..	250	9.20	10.75
12-inch—1½" wide	100	16.50	19.00



WOOD TREE LABELS COPPER WIRED. 3½ in. by ½". Per 1,000, **S-1410** plain, \$3.85; 5,000 to 10,000 per 1,000 \$3.80; **S-1411** painted, per 1,000, \$4.90. 5,000 to 10,000, per 1,000, \$4.85.

S-1413 POLYSTYRENE PLASTIC POT LABELS. Plastic, reusable labels are made of best quality, high impact polystyrene—will not rot, rust, curl, mildew or corrode. Markings remain clearly legible despite the action of weather, water or fertilizer. Plastic labels are available in white only. (Similar to wood labels in shape). F.O.B. Chicago.

4 inch x ½ inch, Per 1000.....	\$4.20
5 inch x ½ inch, Per 1000.....	5.00
6 inch x ½ inch, Per 1000.....	5.80
8 inch x ½ inch, Per 1000.....	7.50
5% discount in lots of 10,000.	



PYLON PLASTIC LABELS. White impact polystyrene. ¼ in. thick. Mark with soft lead pencil.

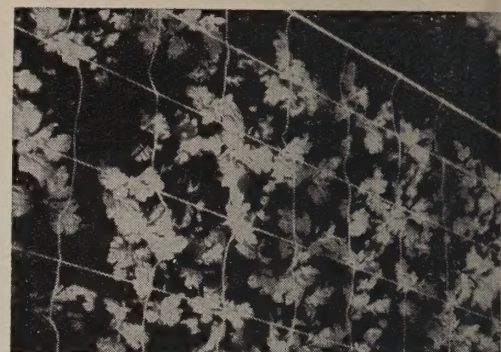
Cat. No.	Size	Packed	Wt.	Dealers Cost
S-599A	M-5	500	50 lbs.	\$7.00
S-599B	M-8	100	10 lbs.	2.75
S-599C	M-12	100	10 lbs.	5.50
S-599D	S-4½	1000	100 lbs.	6.00
S-599E	S-6	500	50 lbs.	6.25
S-599F	S-12	100	10 lbs.	3.20
S-599G	T-1	500	50 lbs.	6.50

Less 10% on 10 Boxes or more of one size.

GRAFTING WAX

S-660 Per ¼-lb. bar, 50c; postpaid 55c. ½-lb. bar, 65c; postpaid 75c. 1 lb., 95c; postpaid \$1.15.

PLANTNET BENCH FABRIC



S-1847 NEW. PLANTNET BENCH FABRIC. All plastic bench fabric, will not rust. For greenhouse or outdoor cut flower beds. No shipping problem. Can be shipped parcel post. 42 inch x 200 ft. weight only 3 lbs. F.O.B. Blue Point, N.Y. Mesh size 6x6 inches.

Width	Length	Price
36" Width	200 ft. long.....	ea. \$12.80
42" Width	200 ft. long.....	ea. 14.00
48" Width	200 ft. long.....	ea. 15.20
54" Width	200 ft. long.....	ea. 16.80
60" Width	200 ft. long.....	ea. 18.20

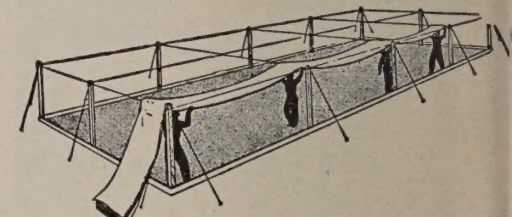
S-1845 NEW LIGHT-WEIGHT SLATER'S WIRE Fabric for cut flower support is made of 16 gauge soft-annealed galvanized electro-welded wire in a 6"x8" mesh pattern. Saves time, labor, lasts for years. All rolls 200 feet long.

F.O.B. New York.

Shipping Weight

36" width	23 lbs.	\$12.90
42" width	26 lbs.	14.40
48" width	30 lbs.	15.85
54" width	34 lbs.	17.90
60" width	37 lbs.	19.80

10 to 24 Rolls Less 10% Net. 25 Rolls or More Less 20% Net.



S-1805 AMERICAN BLACK SHEEN SHADING CLOTH. For shading early chrysanthemums during the normal summer growing season in greenhouse, cloth houses, or outside, as it will bring your bloom in on schedule. Ideal for outdoor shading as it will allow the rain to penetrate and not lie in pools on top. Guaranteed fast black, closely woven, treated and pre-shrunk to produce 99% darkness. Comes in 36 inch widths. Can be sewed to any width in multiples of 36 inch widths.

Prices per sq. yd.	Unsewed	Sewed
100 sq. yds. or more.....	\$0.59	\$0.60
50-99 sq. yds.....	.64	.71
20-49 sq. yds.....	.69	.71
Less than 20 sq. yds., Minimum charge	15.00	15.00

\$2.00 upcharge on unsewed goods for less than 30 sq. yds. or on sewed goods for less than 100 sq. yards

S-1804 KNIGHT BLACK SHEEN SHADING CLOTH. A heavier cloth designed for indoor shading on a year-round program as it cuts out 100% of all light. Recommended especially by universities and experimental stations for off-season growing where total exclusion of light is essential. Otherwise same as American Black Sheen.

Prices per sq. yd.	Unsewed	Sewed
100 sq. yds. or more.....	\$0.65½	\$0.71½
50-99 sq. yds.....	.70½	.76½
20-49 sq. yds.....	.75½	.81½
Less than 20 sq. yds., Minimum Charge.....	16.50	16.50

\$2.00 upcharge on unsewed orders for less than 300 sq. yds. or on sewed goods for less than 100 sq. yards

**ALL PRICES SUBJECT TO CHANGE
WITHOUT NOTICE**

Greenhouse Irrigators and Hose

Hose & Nozzles

S-765 VAUGHAN'S RUBBER LIGHTWEIGHT GREENHOUSE HOSE— $\frac{3}{4}$ " inside diameter with 2 braids of tough rayon reinforcement—An ideal flexible hose that coils and drags easily—Has a tough abrasion resistant red smooth cover, and will withstand pressures up to 150 P.S.I.—Can be furnished in any length with heavy cast brass couplings attached. Per foot 33c, couplings per pair 75c.

S-1812 F&P RED PLASTIC HOSE. $\frac{3}{4}$ " inside diam. This hose is very flexible. Will not get stiff when the weather gets cold. Easy to handle. Can be furnished in any length.
Per foot\$0.31
Full flow couplings per pair.....\$2.00

NO. 400 WATER BREAKER

S-722 This breaker is the answer to the florist's problem for an all purpose watering gadget. It will do most any watering job. This breaker has 400 $\frac{1}{16}$ inch holes in it. The four hundred tiny streams of water are concentrated in a small area, consequently speeding your watering job. $\frac{3}{4}$ inch connection. Postpaid
Each \$1.45.....\$1.60
3 for \$4.20.....\$4.50



The "400" Water Breaker

24 INCH ALUMINUM EXTENSION HANDLES FOR #400 WATER BREAKER

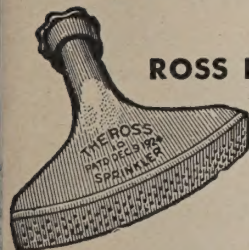
S-723 Model 124G with rubber grip. Postpaid
Each \$1.80.....\$2.05
3 for \$4.50.....\$4.90

HOTHOUSE STAMPED BRASS SPRINKLER

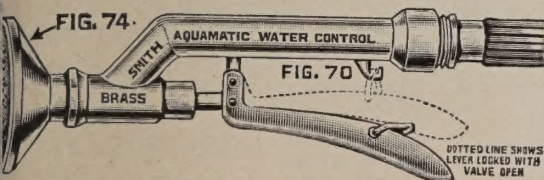


S-738 All brass, distributes water evenly; $\frac{3}{4}$ inch connection.
3-in. Face: Postpaid
Each \$1.00.....\$1.15
10 for \$7.93.....\$8.40
4-in. Face: Postpaid
Each \$1.20.....\$1.35
10 for \$9.93.....\$10.50

ROSS No. 10 SPRINKLER



S-735 Is preferred by growers and home owners; capacity seven gals. per minute. Postpaid
Each \$1.50.....\$1.65
3 for \$3.75.....\$4.00

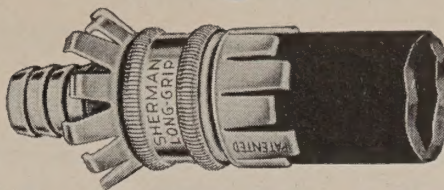
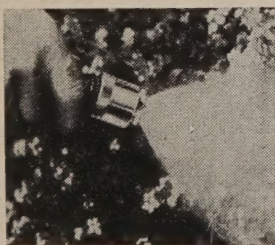


SMITH AQUAMATIC SHUT-OFF

S-720 $\frac{3}{4}$ in. hose connection, as shown above. Figure 74 & 70, for \$4.95; postpaid \$5.45.

S-725 FOGG-IT NOZZLE.

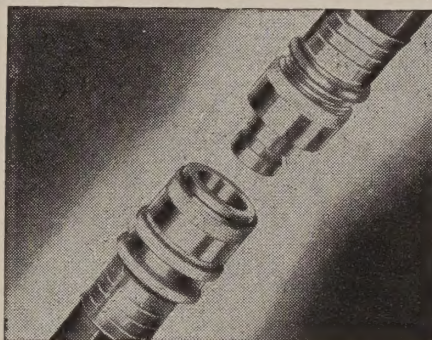
Garden fog nozzle breaks water into a fine mist of a fog-like spray for watering seed beds, new plantings, newly-seeded lawns, young plants, and all tender plants. Works efficiently with high or low water pressures on any standard garden hose. Will not wash away seeds, soil, or fertilizer. Has $\frac{3}{4}$ " connection. Available in 1 gallon per minute (Superfine) 2 $\frac{1}{2}$ gallon (low volume); 5 gallon (high volume); Specify model, ea., \$1.95; postpaid \$2.05. 3 for \$5.50; postpaid \$5.70.



SHERMAN LONG GRIP HOSE COUPLINGS WITH STAGGERED FINGERS

S-788 $\frac{1}{2}$ inch, $\frac{3}{8}$ ", and $\frac{1}{4}$ ". Tight grip, will not leak, easily applied. For plastic or rubber hose. Specify size when ordering. Postpaid
Each60c
10 for \$4.00.....\$4.45

S-789 SHERMAN LONG GRIP HOSE MENDER WITH STAGGERED FINGERS. For plastic or rubber hose, $\frac{1}{2}$ inch, $\frac{3}{8}$ " and $\frac{1}{4}$ ". Specify size when ordering. Postpaid
20 for \$5.35.....\$5.75



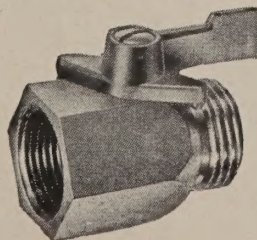
S-790 CRESCENT HOSNAP COUPLING. Screwing of couplings and twisting of hose eliminated. This coupling operates by merely pushing in. It locks quickly. Can be removed simply by pushing down collar. Made of brass.
Complete, Doz. \$12.00.....Each \$1.15
Male End, Doz. \$4.00.....Each \$.50
Female End, Doz. \$8.00.....Each \$1.00

IMPROVED EVER-TIGHT HOSE COUPLING



S-792 No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Complete, Doz.\$9.75
Each \$1.00.
Faucet End, Doz.....\$4.80
Each \$.45.
Hose End, Doz.\$5.80
Each \$.55.

S-705 MODEL V-58 SHUT-OFF VALVE $\frac{3}{4}$ " PIPE TO HOSE



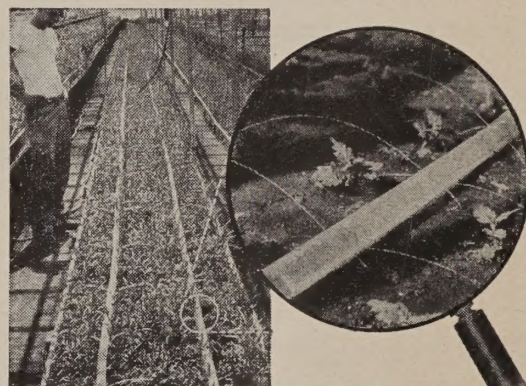
Shut off to full flow in $\frac{1}{4}$ turn. Machined from solid bar brass. For Greenhouses, Garages, etc.
Each \$1.50.
Postpaid\$1.65
12 for \$16.20.
Postpaid\$17.00



S-1807 ANDREWS NEW TRIPLE-TUBE VINYL PLASTIC LOW ANGLE SPRINKLING SYSTEM

Now "low angle" sprinkling of greenhouse beds without wetting the foliage. Unique triple-tube construction is skillfully engineered to give scientific coverage and maintain even pressure on a system several hundred feet long—even up a slight incline. Directed at low angle, water (including liquid fertilizer), sprinkles under foliage giving complete saturation. Available in 4 inch and 8 inch perforations. Please specify, when ordering. Weight 4 lbs. per 100 ft. FOB Portland, Ore. **Orders for 100 lbs. or more are prepaid.**

Less than 1000 ft.Per foot 10c
1000 ft. to 5000 ft.Per foot 9c
5000 ft. and over.....Per foot 8c
S-1807A Connecting Pipe.....Per foot 15c
S-1807B Caps.....Each 15c
S-1807C Crosses.....Each 75c
S-1807D Plastic Elbows.....Each 75c
S-1807E 4 oz. bottle bonding fluid.....Each \$1.50
S-1807F Vortex Fertilizer unit.....Each \$5.00
(Coupling and End Clips Furnished with ea. 100 ft.)



GRO-HOSE AUTOMATIC BENCH WATERER

Guaranteed against any defects of manufacture. It will last for years under normal usage. Saves untold man hours of labor. Operates on less than 1 lb. water pressure. Takes minutes to install. Gro-Hose Polythene tubing is supplied in custom lengths to fit your benches. When ordering specify length desired. Each length supplied with set of safety end clips and standard all brass hose coupling. F.O.B. Mt. Vernon, N.Y.

S1810 GRO-HOSE TUBING

0 to 1000 ft.at 9 $\frac{1}{2}$ c per ft.
1001 ft. to 5000 ft.at 8 $\frac{1}{2}$ c per ft.
over 5000 ft.at 7 $\frac{1}{2}$ c per ft.

GRO-HOSE HEADERS

S-1810A Two-Way.....\$3.85 ea.
S-1810B Four-Way.....\$4.50 ea.

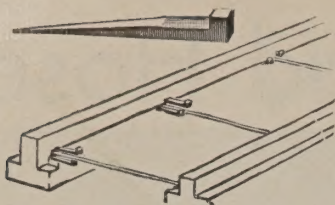
RUBBER APRONS

S-153 BLACK LIGHTWEIGHT. Each, \$4.00; postpaid \$4.30.

S-152 VINYLITE PLASTIC APRON. Strong and durable. Same size as illustrated rubber apron. Each \$3.00; 3 for \$8.25; postpaid \$8.50.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**S-165 SIEBERT'S IMPROVED—PURE ZINC.**

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, $\frac{3}{8}$ and $\frac{1}{2}$ in. long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of $\frac{3}{8}$ in.; over 1,000 points in 1-lb. pkg. of $\frac{1}{2}$ in.

1 lb.....	\$.95
5 lbs.....	4.50
20 lbs.....	17.00

POLYETHYLENE SHEETING .006 GA.

IN 100 FT. ROLLS. BLACK AVAILABLE IN 10, 16, & 20 FT. WIDTHS ONLY.

CAT. NO.	SIZE	WT. PER ROLL	COST PER ROLL
S-1450A—	3 ft. x 100 ft.	9 lbs.	\$ 4.65
	6 ft. x 100 ft.	17 lbs.	9.30
	10 ft. x 100 ft.	29 lbs.	15.45
	12 ft. x 100 ft.	35 lbs.	18.60
	14 ft. x 100 ft.	41 lbs.	21.60
	16 ft. x 100 ft.	46 lbs.	24.75
	20 ft. x 100 ft.	58 lbs.	30.90

POLYETHYLENE .004 GA.

BLACK AVAILABLE IN 10 FT., 12 FT., 16 FT., & 20 FT. WIDTHS ONLY.

CAT. NO.	SIZE	WT. PER ROLL	COST PER ROLL
S-1405B—	3 ft. x 100 ft.	6 lbs.	\$ 3.15
	4 ft. x 100 ft.	8 lbs.	4.20
	6 ft. x 100 ft.	12 lbs.	6.20
	8 ft. x 100 ft.	15 lbs.	8.25
	10 ft. x 100 ft.	19 lbs.	10.35
	12 ft. x 100 ft.	23 lbs.	12.35
	14 ft. x 100 ft.	27 lbs.	14.40
	16 ft. x 100 ft.	31 lbs.	16.50
	20 ft. x 100 ft.	38 lbs.	20.70

S-1452 NEW ULTRAVIOLET RESISTANT POLYETHYLENE FILM

This is the newest glazing film on the market. No other polyethylene film will last as long as this one. This material has been tested for two years in many different sections of the country with outstanding results. If you are presently using this type of greenhouse you will be glad you tried the new Ultraviolet Resistant Polyethylene film. All film shipped flat, no folds. F.O.B. Chicago.

Size	Price per roll	Wt.
3 x 100.....	\$4.80	6 lbs.
8 x 100.....	12.75	16 lbs.
10 x 100.....	15.90	21 lbs.
12 x 100.....	19.00	23 lbs.
14 x 100.....	22.20	27 lbs.

**CUPRINOL WOOD PRESERVATIVE.**

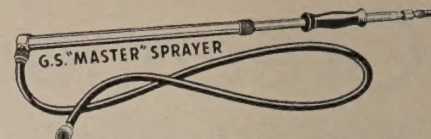
The amazing full-strength wood preservative that meets all needs—not just a few. 1 gallon covers approx. 400 sq. ft. It's a water repellent, rot preventive, termite repellent, superior undercoat for paint. Prevents swelling, shrinking and warping. Stops dry rot, wood borers, fungus.

S-242 CUPRINOL FOR FLORISTS No. 14. For use around the greenhouse. It is recommended for dip or cold soak treatments. Also for sterilizing flats or the wood in benches where the posts or sides do not allow proper sterilization of the wood, and to kill the fungi or nematodes from the previous crop.

5-gal. drum.....	\$11.00
50-gal. drum.....	88.50

S-240 CUPRINOL GREEN FOR WOOD No. 10. Recommended for general use where the green color is not objectionable. It should be used on wood that will be in contact with water, soil, or masonry. Prevents algae in clay pots.

1-gal. drum.....	\$ 4.00
5-gal. drum.....	17.50
50-gal. drum.....	140.00

**G. S. "MASTER" SPRAYER**

S-1222 G. S. "MASTER" SPRAYER. For spraying Flowers, Vegetables, Lawns, Trees, Shrubs, Barns, Poultry Houses, Shading Greenhouses, Disinfectants, and a thousand and one other uses. 100% Brass, all parts machined. Equipped with an adjustable nozzle, brass goose neck extension for getting under foliage. Will easily throw a spray stream 35-40 feet and with a twist of the wrist produce a mist-like spray. Each, \$7.75; postpaid \$8.35.

S-1223 G. S. "JUNIOR" SPRAYER. An exact take-off of the "Master" except that it is smaller in design. Each \$6.35; postpaid \$6.85.

S-171A GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., \$5.25; 50 lbs., \$9.75; 100 lbs., \$17.75; 350 lbs., \$52.50. **S-171** green 3c per lb. higher.

TAMM'S SHADING COMPOUND. Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. **S-170A** White, 25 lbs. \$3.75; 50 lbs. \$6.50. **S-170** Green, 3c per lb. higher.

WONDER-BREL contains Gibrel. The amazing growth stimulant, which makes plants grow to giant size; produces rapid turf growth; breaks dormancy of seeds, leaf and flower buds; produces dramatic results when applied to plants.

S-540 Professional Concentrates (liquid) No. 4—8 oz. makes 2 gallons. No. 5—1 qt. makes 8 gallons. 8 oz. each \$3.00, postpaid, \$3.25; 1 qt. each \$10.00, postpaid \$10.35.



S-1840 VINYL FILM F.O.B. OHIO

STOCK No.	GAUGE	DESCRIPTION	STOCK WIDTHS	CUSTOM LENGTHS			STOCK ROLLS			BULK ROLLS		
				Less than 1,000 Sq. Ft.	1,000 to 10,000 Sq. Ft.	10,000 Sq. Ft. and OVER	SIZE	1-5 ROLLS	6 and OVER	LINEAL FT/ROLL	1-4 ROLLS	5 and OVER
V-103	3 Mil	Weatherable Vinyl—Clear	4½ 6 Ft.	(Price Per Sq. Ft.)								
				1.8c	1.7c	1.6c	4½' x 200'	\$15.30	\$14.40	(Approx.) 1800 Ft.	1.5c	1.4c
							6' x 200'	20.40	19.20			
V-104	4 Mil	Weatherable Vinyl—Clear	4½ 5¼ 6 Ft.	2.5c	2.4c	2.3c	4½' x 200'	21.60	20.70	1200 Ft.	2.2c	2.1c
							5¼' x 200'	25.20	24.15			
							6' x 200'	28.80	27.60			
V-108	8 Mil	Weatherable Vinyl—Clear	4½ 5¼ 6 Ft.	5c	4.8c	4.6c	4½' x 100'	21.60	20.70	600 Ft.	4.4c	4.2c
							5¼' x 100'	25.20	24.15			
							6' x 100'	28.80	27.60			
V-204	4 Mil	Weatherable Vinyl—Diffused Lite	4½ 5¼ 6 Ft.	2.5c	2.4c	2.3c	4½' x 200'	21.60	20.70	1200 Ft.	2.2c	2.1c
							5¼' x 200'	25.20	24.15			
							6' x 200'	28.80	27.60			
V-208	8 Mil	Weatherable Vinyl—Diffused Lite	4½ 5¼ 6 Ft.	5c	4.8c	4.6c	4½' x 100'	21.60	20.70	600 Ft.	4.4c	4.2c
							5¼' x 100'	25.20	24.15			
							6' x 100'	28.80	27.60			
V-508	8 Mil	Vinyl Sterilization Cover—Tan (Soft Formulation)	4½ 6 Ft.	5c	4.8c	4.6c	4½' x 100'	21.60	20.70	600 Ft.	4.4c	4.2c
							6' x 100'	28.80	27.60			
V-515	15 Mil	Vinyl Sterilization Cover—Tan (Soft Formulation)	4½ 6 Ft.	9.5c	9c	8.5c	4½' x 100'	40.50	38.25	300 Ft.	8.2c	8c
							6' x 100'	54.00	51.00			
V-608	8 Mil	Vinyl Sterilization Cover—Green (Stiff Formulation)	4½ 5 6 Ft.	5c	4.8c	4.6c	4½' x 100'	21.60	20.70	600 Ft.	4.4c	4.2c
							5' x 100'	24.00	23.00			
							6' x 100'	28.80	27.60			
V-806	6 Mil	Porolated Vinyl—Black	4½ 6 Ft.	3.7c	3.6c	3.5c	4½' x 100'	16.20	15.75	750 Ft.	3.3c	3.2c
							6' x 100'	21.60	21.00			

ELECTRONIC SEALING

Vinyl is calendered in widths up to 6 ft. Wider covers are fabricated by electronically sealing stock width panels together. (Example: two 4½ ft. panels are sealed together to make a cover 9 ft. wide.) Covers may be ordered in any combination of stock widths, as shown above, in any length.

2 Panels	9 ft. to 12 ft. wide	1c sq. ft. (add to custom
3 Panels	13½ ft. to 18 ft. wide	1.2c sq. ft. length price)
4 or More Panels	19½ ft. and wider	1.4c sq. ft.
Special Width	7½ ft. wide	1.2c sq. ft.

Electronic Sealed Plastic Grommets
(For Partitions: Grommets spaced 12" apart along one edge of the film.)

6c per grommet

VINYL ADHESIVE

Patching Kit (1¼ oz. tube of adhesive & swatch of vinyl).....	\$.50
½ Pint Vinyl Adhesive (Brush Top Can).....	1.10
Quart Vinyl Adhesive.....	2.85
Adhesive Dispenser.....	.50
Quart Thinner.....	1.10

Note: In ordering steam sterilization covers allow 10% in length for shrinkage and contour of the ground.

If maximum light transmission is not necessary, electronic sealed covers of weatherable vinyl should be ordered in the diffused lite film—it is easier to fold. The polished surface of the clear film causes it to block.

Because of postal regulations, quart cans of adhesive and thinner must be shipped by Railway Express or Motor Truck.

THERMOMETERS

Cables and Hot Bed Supplies

SUDBURY SOIL TEST KIT

GENERAL ELECTRIC SOIL HEATING SETS, CABLES AND CONTROLS

Sturdy, lead sheathed cables, and heavy duty thermostats; the very best. For hotbeds, cold frames, or greenhouse benches. Soil can be maintained at 15°-20° F. above general house temperature.

F.O.B. CHICAGO

S-158 LEAD SHEATHED CABLES.

One 30 ft. lead cable (110 volt, 180 watt) heats 18 sq. ft. of bench area.

One 60 ft. lead cable (110 volt, 400 watt) heats 36 sq. ft. of bench area.

One 120 ft. lead cable (220 volt, 800 watt) heats 72 sq. ft. of bench area.

Set No. 1 with HSC-4 thermostat and 30 ft. cable. Thermostat is rated 15 amp. for 110 volt AC only. Price each \$13.50.

Set No. 2 with HSC-4 thermostat and 60 ft. cable. Price each \$18.75.

Set No. 3 with HSC-5 thermostat and 60 ft. lead cable. Thermostat is rated 25 amp. up to 230 volt AC only. Price each \$25.00.

Set No. 4 with HSC-5 thermostat and 120 ft. lead cable. Price each \$39.25.

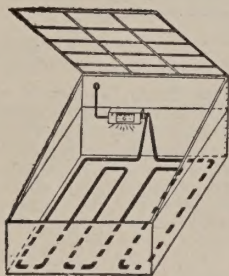
Sets No. 1 and 2 will control one or two 60 ft. cables or up to six 30 ft. cables. Sets No. 3 and 4 will control up to four 60 ft. or 120 ft. cables.

Extra 30 ft. lead cable, each \$7.25.

Extra 60 ft. lead cable, each \$12.50.

Extra 120 ft. lead cable, each \$26.75.

CABLES FOR RESALE



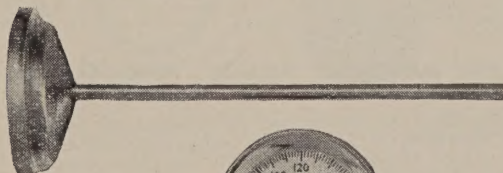
GRO-QUICK Electric Seed Bed Heater

Soil heating cable with built-in 70 deg. fix temp. soil thermostat. A convenient method of heating hotbeds and cold frames for early seed starting. Full instructions included. With care will last for years. All cables are 115 volts.

Cat. No.	Model No.	Retail	Your Cost
S-156A	P34T for approx. 12 sq. ft.—114 watts.	\$4.95	\$3.70
S-156B	J49T for approx. 18 sq. ft.—160 watts.	6.45	4.85
(Use two of these units in a double sash bed)			
S-156C	A6—15 watt—6 ft. cable only for 1½ sq. ft. of flat area (use more for larger areas).	1.95	1.45
Insure sure fire starting of valuable seeds.			
S-156D	S98T—98 foot, 330 watt soil heating cable with built-in 70 deg. fixed temperature soil thermostat suitable for a double sash bed. For larger beds order additional cables.	9.95	7.50

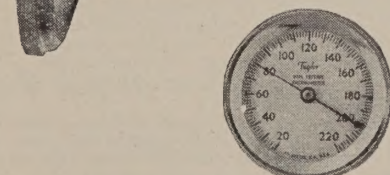


S-1052 STAINLESS STEEL DIBBLE. Made of pure stainless steel. Outwears any other dibble made. Ease of use increases production as much as 10%. Added feature is the soil free angle which relieves the soil and prevents clinging to point. Price each, \$2.00; postpaid, \$2.10.



S-104 TAYLOR MAXIMUM AND MINIMUM THERMOMETER.

Model No. 5321. Set in water-proof plastic case 4¼ in. x 1 in. Will register lowest, highest, and present temperatures. Can easily be reset. Each 3 for \$8.00 \$21.00



S-107 TAYLOR'S SOIL THERMOMETER. Model X5800. Clear easy to read figures. Large 2¼" dial, range 20 to 220 F. in 2° Divisions. 8" overall length. Hermetically sealed against moisture. Ea. \$4.95.



S-634 The Sudbury Princess Model F Horticultural Soil Test Kit, \$16.95.

The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit makes 100 Tests.

S-633 THE SUDBURY MODEL A DELUXE PROFESSIONAL MODEL SOIL TEST KIT—Contains enough material for 200 to 300 professional tests. Price complete with instruction \$24.95 via express collect.

REFILLS FOR SOIL TEST KITS S-638A LIME—For acidity. When ordering, it requires **S-638B** for No. 2 and **S-638C** for No. 3 to make Nitrogen Tests. **S-638D** for No. 4 and **S-638E** for No. 5 for Phosphorus Tests and **S-638F** for No. 6 and **S-638G** for No. 7 to make Potash Tests, therefore when ordering, please order two numbers. 2 oz. bottle, each \$1.35; postpaid \$1.50; 6 for \$5.40; 6 oz. bottle, each \$2.50; postpaid \$2.70; 6 for \$10.00. Plus Postage.

SPHAGNUM MOSS

S-1760 SPHAGNUM MOSS in Bales. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. Size of Bale 45 x 14 x 16 inches. Prices subject to change without notice.

	F.O.B. Chicago	F.O.B. Wisc.
1 to 5 bales.	Each, \$3.00	
6 to 10 bales.	Each, 2.90	10 Bale lots, \$2.50
11 to 24 bales.	Each, 2.75	25 Bale lots, 2.30
New York Prices 60c per bale higher.		

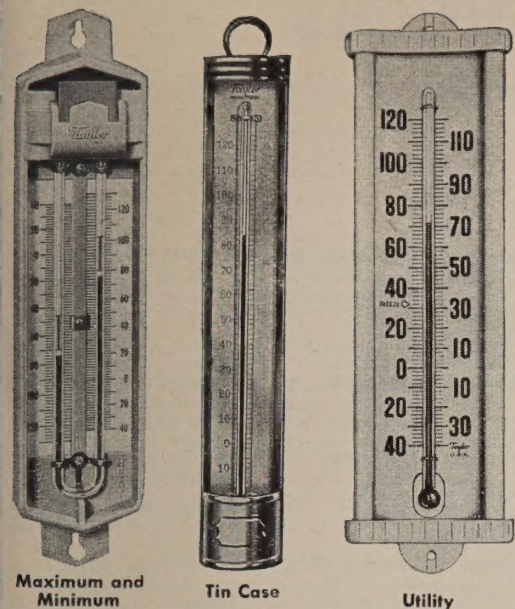


S-1755 NODAMOFF SPHAGNUM MOSS.

Sphagnum moss is a sterile material containing antibiotic qualities. Fungi and bacteria cannot live in it. By sowing seed in a thin layer of this moss spread over the soil in the pot or flat, damping off is prevented. Cuttings rooted in sphagnum are easily transported and transplanted without disturbing their roots. This moss is horticultural grade, milled ready for use. 10 oz. package, \$1.00; per carton of 12, \$8.00; 2 bushel bags each, \$3.25; 3 for \$8.70. FOB Chicago.



S-1057 NEW IMPROVED VIBRA-SEEDER. A battery operated flower and vegetable seeder for commercial and home gardeners—fits palm of hand—will sow row or flat in fraction of time normally required. Operating cost one flash light battery per season. A real time, labor and seed saver. Price, without battery retails at \$3.95, each \$3.25, postpaid.

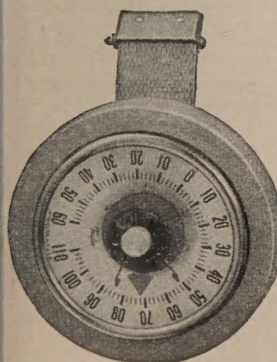
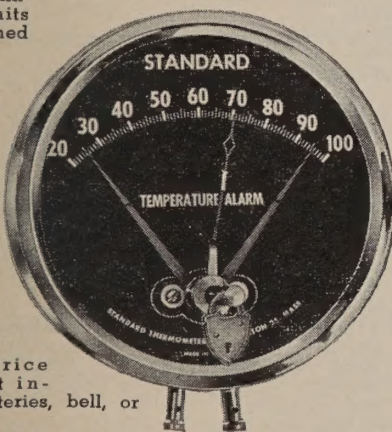


S-109 TAYLOR TIN CASE. Model 5400S Standard grade (tested). 12 inches. Guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube. Each 3 for \$4.20 12 or more ea. \$12.00 \$3.50

S-106 TAYLOR MAXIMUM and Minimum Self Registering Therm. Floating steel discs tell the lowest and highest temperatures during absence. Reset with a magnet. Shipped via express only. No. 5458 with magnet. 10 in. Each 3 or more ea. \$12.95 \$11.00

S-101 TAYLOR UTILITY THERMOMETER. Model 5132. Easy reading 8½" x 2" white enameled scale with baked in numerals and graduation. Red liquid filled tube, magnifying lens. Each 6 for \$1.75 12 or more ea. \$9.50 \$1.50

S-110 STANDARD TEMPERATURE ALARM. The six-inch, easy-to-read dial is finished with bright green numbers against a black background. Scale 20°—100° F. The temperature-indicating hand and the control hands, showing the maximum and minimum limits are finished inabright orange. These control hands are easily adjusted by the setting knob, and this knob may then be locked, preventing tampering or changing warning limits. Price does not include batteries, bell, or wire. Each, \$22.50 Postpaid.



Greenhouse Chemicals

Without Chemicals to rid your greenhouse of insects and disease, growing a good crop would be difficult. Have a good supply on hand at all times. Look to us to serve your complete needs.

INSECTICIDES

S-250 ARAMITE 15W. Controls Red Spider on greenhouse and outdoor flowers.

4-lb. bag.....\$ 3.50
Case (12—4-lb. bags).....38.50
50-lb. Bag.....37.00

S-515 ARSENATE OF LEAD. The standby for most leaf-eating insects. Can be used as spray or dust.

Case (24—1-lb. cans).....\$14.40
4-lb. bag.....1.75
Case (12 4-lb. bags).....14.40

S-256 CHLOROBENZILATE 25% W.P. Controls red Spider including the resistant variety, on Roses and other ornamentals.

4-lb. bag.....\$ 5.25
Case (12—4-lb. bags).....53.50

S-354 CYANOGAS CALCIUM CYANIDE "G". Greenhouse fumigant to control aphids, white fly thrips, soft scale, mealy bugs and rodents.

5-lb. can.....\$ 4.75
25 lbs.....15.10
100 lbs.....30.00
Shipped via express only.

S-262 50% DDT W.P. The most economical form of DDT. Controls many insects on flowers, fruit, and Nursery Stock.

4-lb. Bag.....\$ 1.60
Case (12—4-lb. bags).....15.84
50-lb. Bag.....15.00

S-264 PESTROY-25% DDT LIQUID. The emulsion form has proven to be more effective on some insects. This material is safe to use on both garden and greenhouse crops.

Quart.....\$1.65
Gallon.....5.00

S-260 5% DDT DUST.

4-lb. bag.....\$ 1.40
Case (12—4-lb. bags).....10.08
50-lb. Bag.....6.25

S-266 DIAZINON 25W. A long residual phosphate insecticide. Outstandingly effective against an extremely wide range of insects including those resistant to certain other insecticides.

4-lb. bag.....\$ 5.20
Case (12—4-lb. bags).....56.40

S-513 ACME DIMITE. For controlling Red Spiders, and other Mites, particularly the Cyclamen mite, clover mite. This material can be used on evergreens, flowers, shade trees and shrubs.

8 oz.....\$ 2.00
Quart.....4.25
Gallon.....12.95

S-308 ENDRIN. A very effective control for cyclamen mite on African violets, begonias, gloxinias, snapdragons, and many foliage plants. Use at 1 to 400 with a spreader. Shipped express only.

Gallon.....\$12.50

S-973 RED ARROW PYRETHRUM and Rotenone Insecticide.

Pint.....\$ 3.00
Gallon.....15.50

S-277 SODIUM SELENATE PURE. Use 100 Grams of Sodium Selenate in one gallon of water to make stock solution. Use one quart of stock solution to 100 sq. ft. of bench area. This material cannot be used on vegetable crops.

4 oz.....\$ 4.00
1 lb.....12.50

S-278 SODIUM SELENATE. P-40 is Two Percent Sodium Selenate and ninety-eight per cent carrier (super-phosphate in the present material). It is a dilute material. Three pounds treats 100 square feet of bench area.

25 lbs.....\$12.50
50 lbs.....22.50
100 lbs.....40.00

S-280 SYSTOX. For controlling aphids, mites and leafhoppers. Systox gives long residual effect at relatively low dosages.

Gallon.....\$ 29.95
Case of 6-1 gallon cans.....163.50

S-284 TEDION 90 Greenhouse Spray. Tedion is a specific miticide, safe to use. Tedion will give good control of mites that have built up a resistance to other miticides including the organic phosphates. A single application will remain effective from 6 to 10 weeks. Tedion may require 4 to 7 days to reduce the average adult mite population to a low level but Tedion provides continuing mite control. Use $\frac{1}{4}$ lb. per 100 gallons of water.

1-lb. cans.....\$7.20

S-283 TEDION 25% WETTABLE POWDER. A new spider mite control which kills eggs and newly hatched mites over a long period. Use 2 lbs. to 20 Gallons of water, plus 12 ounces of spreader.

2-lb. bag.....\$ 4.50
6—2-lb. bags.....24.00
Case (12—2-lb. bags).....46.00

S-282 THIODAN 50% WETTABLE POWDER. Applications of 1 lb. per 100 Gallons of water, have proven to be effective for control of aphids on greenhouse and Nursery Crops. This material is safe to use than most aphicides. Effectively controls aphids for 6 to 10 weeks.

5-lb. bags.....\$12.50

S-290 VAPOTONE XX INSECT SPRAY. Particularly effective against Red Spiders, Aphids, and other greenhouse insects. Can be used in the greenhouse or nursery.

Gallon.....\$12.00
Case (4—1 gal.).....42.00

S-268 KETHANE E. C. Very effective miticide. This material is recommended for controlling mites that are resistant to other miticides. Can be used on greenhouse and nursery crops. Less toxic to humans than DDT. Recommended dilution, 1 pint to 100 gallons of water. Shipped via Express only.

Pint.....\$ 3.00
Gallon.....9.95
5-Gal. drum.....47.50

S-270 LINDANE 25% W.P. Use for aphids on Greenhouse and Nursery crops. Recommended dilution, 1 lb. to 100 gallons of water.

1 lb.....ea. \$2.25; case of 12 for \$21.24
4 lb.....each \$7.25; 4—4-lb. for 25.60
20-lb. drum.....31.20

S-512 MALATHON 50% E. LIQUID. Safest of all the phosphate insecticides.

Pint.....\$ 2.85
Quart.....4.35
Gallon.....12.00

S-271 MALATHION 25% W.P. For use in water as a spray for control of aphids, mites, red spider and other insects.

4-lb. bag.....\$ 2.85
Case (12—4-lb. bags).....28.90

S-273 NICO-FUME, LIQUID. For Fumigating or spraying: Contains 40% nicotine.

1 Gal.....\$16.25

S-275 PARATHION 15% WETTABLE POWDER. Outstanding phosphate insecticide. Effective on Cyclamen Mite, Red Spider, Thrips, Aphids, and some nematodes. Shipped express only.

4-lb. bag.....\$ 2.50
6—4-lb. bags.....13.95
Case (12—4-lb. bags).....24.48
50-lb. Drum.....25.50

S-307 POLYTRAP for control of Red Spider and Powdery Mildew, Non-Toxic. Effective on Roses, Mums and other ornamentals.

Gallon.....\$ 9.00
Case (6—gal. cans).....51.00
5-Gal. Pail.....40.00

F.O.B. Chicago

FUNGICIDES

S-301 AGRI-MYCIN® 17. Antibiotic Plant Spray. New formulation. Agricultural Streptomycin. Successful control for many plant diseases and blights. Cleans out infection from within plant.

8 oz. pkg. in plastic bag.....each \$3.25

S-303 CM19 kills Bacteria and Fungi. Exclusive bacteria and fungi which attack plants are killed by CM19. Controls mildew, wilt, mold on flowers, fruit and vegetables.

Gallon.....\$14.00
5-Gal. Drum.....42.00

S-305 CAPTAN 50W. (Fungicide 406). For leaf diseases on roses, mums, carnations and root rot damping off. Also controls rust and blackspot.

2-lb. bag.....\$ 2.00
5-lb. bag.....4.25
3—5-lb. bags.....20.00
Case (10—5-lb. bags).....37.00

S-309 ELCIDE 73. New fungicide for the glad grower. This material has proven to be one of the most effective control for fungus diseases including Fusarium. Use one pint to 50 gallons of water and dip the bulbs for planting.

16-oz.....\$ 6.00
Gallon.....28.00
5-gal. Drum.....138.75

S-312 FERMATE (Ferbam) for black spot on roses, leaf spot on mums, rust on snaps. General fungicide for all mildews and fungi.

3-lb. bag.....\$ 2.10
6—3-lb. bags.....12.00
Case (12—3-lb. bags).....21.60

S-314 GEROX. Antibiotic-Fungicide Powder for the control of Geranium Black Leaf. Gerox controls Fusarium and bacterial diseases of geraniums, sometimes known as black leg. 150 grams will make 50 gallons of Gerox solution, or sufficient material to treat approx. 6,000 $2\frac{1}{4}$ " pots.

150 Grams.....Postpaid, \$ 8.00
450 Grams.....Postpaid, 18.50
5 lbs.....F.O.B. Lodi, N.J., 75.00

S-267 KARATHANE WD. Is especially effective for the control of powdery mildew and some mites. Use 2 level tablespoons per $12\frac{1}{2}$ gallons of water, with spreader sticker.

3-lb. bag.....\$ 5.35
Case (16—3-lb. bags).....75.00

S-442 MANZATE. "Maneb" Fungicide. Outstanding for control of most fungus diseases.

3-lb. bag.....\$ 3.25
50-lb. drum.....49.00

S-388 PANODRENCH. Control for damping-off in greenhouses on flowers and ornamentals. Can be used instead of steam sterilization for control of certain fungi causing damping-off. Contains a dye so that the diluted solution can be easily identified. Panodrench is easy to apply.

1-oz. bottle.....Postpaid, \$ 2.05
4-oz. bottle.....Postpaid, 6.10
Pint bottle.....Postpaid, 19.50
Gallon.....F.O.B. Chicago, 88.00

S-398 MORTON SOIL DRENCH C. A concentrated fungicidal solution to control damping-off. Use 1 fl. oz. per 35 gallons of water and apply 2 pints per sq. ft., either before or after seedlings are up. F.O.B. Chicago, Illinois.

One Gallon.....\$15.95

S-316 PARZATE C.W.P. 75% (ZINEB). A very effective fungicide for control of botrytis blight on mums and other flowers. Also effective on leafspot diseases, rust, stemrot, and damp-off. 1 to $1\frac{1}{2}$ lbs. per 100 gallons of water.

3-lb. bag.....\$ 2.85
Case (16—3-lb. bags).....31.20

S-318 PHALTAN 50% W.P. Controls black spot on roses, septoria leaf spot on mums, and powdery mildew. Use 1 lb. to 50 gals. of water. (2 rounded tablespoons per 1 gal. of water.)

5-lb. bag.....\$ 5.75
Case (10—5-lb. bags).....51.75

S-434 SEMESAN. Seed disinfectant and stimulant. Controls damping off on seedlings, and disinfects soil.

4 oz.....\$ 2.50
12 oz.....5.95
25 lbs.....105.00

S-320 TERRACLO 75% W.P. (PCNB). Controls Rhizoctonia stem rot by inhibiting growth of the fungus responsible. For soil drench use 1 lb. for 100 gallons of water, to treat 400 sq. ft. of bench area.

5-lb. bag.....\$ 4.50
Case (10—5-lb. bags).....41.50

S-322 ZERLATE (Ziram). A useful fungicide for many leafspot diseases, rusts, stem rots, and damping-off. Most satisfactory when applied as a preventive.

3 lbs.....\$ 2.45
Case (12—3-lb. bags).....25.80

Greenhouse Chemicals

GREENHOUSE FUMIGANTS. We do not Split cartons.

PROTECTIVE EQUIPMENT

S-331 FULEX THIODAN FUMIGATORS. The new control for resistant White Flies.
5,000 cu. ft., per carton of 12.....\$ 8.50
10,000 cu. ft., per carton of 12.....\$11.00
20,000 cu. ft., per carton of 12.....\$16.00

S-335 FULEX TEDION FUMIGATORS. The new RED SPIDER control for RESISTANT strains. Excellent for "Mums", Snaps, Carnations and Roses. (Don't know if White Butterfly will drop leaves, so be careful on these.) Also has been used on tomatoes and over 100 other varieties safely! Use the NEW SMOKE for "tough-to-kill" RED SPIDERS. It's NON-POISONOUS—MILD—and has excellent plant tolerance. For example, "mums" in full bloom.
5,000 cu. ft., 5 lbs., per carton of 12.....\$ 9.50
10,000 cu. ft., 18 lbs., per carton of 12.....\$12.00
20,000 cu. ft., 15 lbs., per carton of 12.....\$21.00

S-334 FULEX SPIDER-MITE FUMIGATOR is a simple smoke generator designed for use against greenhouse red spiders, two-spotted mites and some strains thereof resistant to parathion. Contains aramite (technical).
2,000 cu. ft. size, 10 lbs., carton of 24.....\$12.00
5,000 cu. ft. size, 10 lbs., carton of 24.....\$14.50
10,000 cu. ft. size, 18 lbs., carton of 24.....\$19.00
20,000 cu. ft. size, 33 lbs., carton of 12.....\$16.00

S-333 FULEX PARATHION FUMIGATORS. For most greenhouse ornamentals including carnations, chrysanthemums, geraniums, snapdragons, African violets and many other tolerant varieties **even in bloom!**
2,000 cu. ft., 10 lbs., per carton of 24.....\$12.00
5,000 cu. ft., 10 lbs., per carton of 24.....\$14.50
10,000 cu. ft., 18 lbs., per carton of 24.....\$17.00
20,000 cu. ft., 30 lbs., per carton of 12.....\$14.00

S-332 FULEX NICOTINE FUMIGATORS. For use on Greenhouse Ornamentals only. Gives efficient results on greenhouse aphids and most thrips. Contains 14% Nicotine (Alkaloid).
10,000 cu. ft. unit size, 9 lbs., carton of 12 for \$ 8.50
20,000 cu. ft. unit size, 15 lbs., carton of 12 for 14.00

S-330 FULEX APHID SMOKE. New Fulex greenhouse smoke fumigator for Aphids, Adult White Flies and Adult Leaf Tyers. Contains Lindane.
2,000 cu. ft. unit size, 9 lbs., carton of 24 for \$12.00
5,000 cu. ft. unit size, 9 lbs., carton of 24 for \$14.50
10,000 cu. ft. unit size, 9 lbs., carton of 24 for \$17.00
20,000 cu. ft. unit size, 16 lbs., carton of 12 for \$13.00

S-380 LETHALAIRE GREENHOUSE AEROSOL BOMBS (Virginia Smelting)

10% PARATHION G-54. Controls red spider, mealy bugs, aphids, thrips, leaf rollers, white fly, cyclamen mite and many other greenhouse pests. Very toxic, be sure to use recommended precautions. One bomb treats 200,000 cu. ft. of greenhouse space. Do not use when sulphur is present; may cause damage.

5% DITHIONO G-57. Valuable in control of resistant red spider, as well as aphids, and certain species of mealy bugs and soft Brown Scale. No injury noted on roses when sulphur is present. 4 lb. bombs contain 5% Tetraethyl di-thio pyrophosphate and treats 200,000 cu. ft.

15% MALATHION G-62. Recommended for the control of the red spider (non resistant strains), various species of aphids, thrips, mealy bugs and white flies on roses, carnations and chrysanthemums. One 4 lb. cylinder treats 200,000 cu. ft.

***10% PHOSDRIN G-64** is recommended for the control of spider mites, aphids, whiteflies and cabbageworms on tomatoes, cucumbers, roses, chrysanthemums and carnations.

10% CHLOROBENZILATE G-66 for use on greenhouse ornamentals. Recommended for the control of resistant spider mites on roses, chrysanthemums and carnations.

10% THIODAN G-67 is recommended for the control of aphids and whiteflies on roses, carnations and chrysanthemums. Four-pound cylinder will treat 200,000 cu. ft.

PRICES OF BOMBS

Prepaid in lots of 12 or more bombs direct from factory. Add 50c net per cylinder for shipments to all points west of the Rockies.

No.	Type	Each	Lbs.	De-posit
G-52	5% TEPP	\$ 7.50	4	\$3.75
G-54	10% Parathion	9.00	4	3.75
G-57	5% Dithiono	9.00	4	3.75
G-60	10% Aramite	12.00	4	3.75
G-61	2% Lindane & 10% Aramite	12.50	4	3.75
G-62	15% Malathion	9.75	4	3.75
*G-64	10% Phosdrin	12.75	4	3.75
G-66	10% Chloro-benzilate 80	10.25	4	3.75
G-67	10% Thiodan	9.75	4	3.75

S-347 BLACK LEAF NICO-FUME PRESSURE FUMIGATORS. Punch type cans.

15,000 cu. ft. size, carton of 12 ½ lb cans...\$ 9.60
30,000 cu. ft. size, carton of 12 1 lb. cans...\$15.60

S-346 PLANT PRODUCTS NICO-TEEN SMOKE PRESSURE FUMIGATORS. For efficient control of aphids (green and black fly), most thrips, mum and rose midge on ornamental plants in greenhouses.
10,000 cu. ft. fumigator, per carton of 12....\$ 7.25
20,000 cu. ft. fumigator, per carton of 12....\$11.75

S-340 PLANT PRODUCTS THIODAN PRESSURE FUMIGATORS. 15% THIODAN. CONTROLS: RESISTANT, TOUGH-TO-KILL APHIDS. Chrysanthemum aphid, Crescent-marked lily aphid, Greenhouse adult whitefly, Green peach aphid, Rose aphid, aphids, (many species). For white flies repeat application after 7 days until control is obtained.

10,000 cu. ft., per carton of 12.....\$12.00
20,000 cu. ft., per carton of 12.....\$18.00

S-342 PLANT PRODUCTS. TEDION—Dithio Pressure Fumigators. Unlike other smoke fumigants, this is packaged in sealed metal containers and evolves the insecticidal smoke under pressure in the same fashion as old time-tested nicotine pressure fumigators. Contains 15% Tedion and 12.5% Dithio. Controls Resistant Red Spider Mites, Aphids, White Fly, Mealy Bugs, Thrips and Soft Brown Scale.
10,000 cu. ft. per carton of 12 for.....\$15.00
20,000 cu. ft. per carton of 12 for.....\$26.00

S-344 PLANTFUME NO. 103 SMOKE GENERATORS. CONTROLS: Two-spotted spider mites, Aphids, and some species of Mealy Bugs, and Thrips on ornamental plants. Active ingredient 15% Tetraethyl Dithiopyrophosphate. (Dithiono).

5,000 cu. ft., 11 lbs., per carton of 36.....\$12.00
20,000 cu. ft., 8 lbs., per carton of 12.....\$12.00

S-348 PLANT PRODUCTS PLANT MILDEW PRESSURE FUMIGATOR. Contains 15% Karathane. For control of Powdery Mildew on ornamental crops. Do not fumigate tender plants.

10,000 cubic ft, per carton of 12.....\$10.50
20,000 cubic ft., per carton of 12.....\$15.75

S-384A Willson Greenhouse Mask—Style WIG-G3FD in cardboard carton.
.....Each \$31.00

S-384B Willson Greenhouse Mask in Fibre Carrying Case.
.....Each \$39.00

S-386 G3FD Replacement Canister. (750 CC) Each \$4.25

S-385 *Caution: The No. H-3FC canister is required on your mask when using G-64 10% Phosdrin. This canister is also satisfactory for other Lethalaire Bombs....Each \$5.20



ROOTONE

PATENTS PENDING

S-648 ROOTONE with Fungicide stimulates the natural tendency for roots to form on slips or cuttings. Rooting takes place in a much shorter time, heavier root systems are formed and fewer cuttings die from disease. Newly added fungicide controls damping-off and other soil-borne diseases. Price, ¼-oz. pkt., 35c; display carton of 24, \$5.04; 2-oz. jar, enough to treat 3,000 cuttings, \$1.25; doz., \$9.00; 1-lb. jar will treat up to 30,000 cuttings, \$5.00. Three for \$12.75, plus postage.

S-647 ROOTONE No. 10. For slow to root evergreen cuttings. 2 oz., each, \$2.25; 1 lb., each, \$10.00.

S-649 TRANSPLANTONE. For treatment of transplants of all kinds. It contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex which are important in plant growth. ½-oz. pkt., each, 35c; display carton of 24, \$5.04; 3 oz., \$1.25; doz., \$9.00; 1 lb., \$4.00. Three for \$10.50, plus postage.



S-650 FRUITONE. The hormone spray for stopping pre-harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2/5 oz. pkt. each 35c per pkt.; display carton of 24, \$5.04; 2 oz. (makes 25 gal. spray); \$1.25; doz., \$9.00; ½ lb., \$2.00, plus postage.

S-643 HORMODIN POWDER. Combination package. No. 1, 2, 3, in one package for \$1.20; doz. packages, \$8.64, plus postage.

S-640 No. 1 Powder, 1¼-oz. tin, each, 80c; lb., \$4.80; 3 for \$10.60; 12 or more ea. \$2.88, plus postage.

S-641 No. 2 Powder, 1¼-oz. tin, each, \$1.20; 1 lb., \$7.00; 3 for \$15.80; 12 or more, each, \$4.20, plus postage.

S-642 No. 3 Powder, 1-oz. tin, each, \$1.60; ½ lb., \$7.00; 3 for \$15.80; 12 or more, each, \$4.20, plus postage.

S-392 SLUG IT. Liquid Slug Killer. Kills snails and slugs. One gallon treats over 12,000 square ft. Effective for about 2 weeks. Easy to apply. Qts., each \$4.00. Gallon, each \$12.00.



S-391 SNAROL Meal. For snails and slugs
Each
1 lb.\$0.59, 12 for...\$4.72
2½ lbs. 1.19, 12 for... 9.52
6 lbs. 2.30, 6 for... 9.56
50 lbs.10.50,
All F.O.B. Chicago, Ill.

S-390 SNAROL Pellets. Prices and packing, same as above.

NOTE: The deposits on the bombs are refunded when they are returned to us prepaid. Empties may be returned in quantities of 12 by freight collect, direct to factory or prepaid to us in smaller quantities.

APPLICATORS

Special applicators must be used with these Aerosol Bombs. Applicator has universal coupling to fit any bomb.

S-381A No. 20 24 inch applicator \$7.00 each
S-381B No. 30 36 inch applicator 7.25 each
S-381C No. 40 48 inch applicator 7.50 each

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Greenhouse Equipment

HOZON FERTILIZER APPLICATOR

S-797 Fertilize through your hose. Mixes the right amount of ammonium sulphate, nitrate of soda, potash or any soluble fertilizer with the water with which you sprinkle your lawn. One end screws into the faucet, the other end takes the hose, the small tube drops into the bucket of fertilizer. Each \$1.65; postpaid, \$1.80. 6 for \$9.00; postpaid \$9.35.



JUDSEN MOLDED RUBBER KNEE PADS



FOR EVERY
"DOWN-ON-THE-KNEES"
JOB!

S-1045A All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip during walking. Men's size retail at \$2.25; price per pair \$1.75; 6 pair for \$9.60, postage extra.

S-1045B Ladies size retail at \$1.60 price per pair \$1.25; 6 pair for \$6.60, postage extra.

S-1352 AERO-DRAIN—FLOWER POT DRAIN HOLE COVER.

Now you can save on labor costs, time and increase production. Do away with the muss and fuss of using makeshift broken pot pieces to cover pot holes. Aero-Drains fit 4- to 12-in. pots and go in either side up for easy use. Provide best drainage and air flow. Because they nest neatly they're easy to handle and save space on the potting bench.



QUANTITY	BULK PACK (5,000 per case)	UNIT PACK (1,000 per carton)
1,000 to 9,000	\$6.15 per 1,000	\$6.50 per 1,000
10,000 to 40,000	6.15 per 1,000	6.35 per 1,000
50,000 to 90,000	5.95 per 1,000	6.15 per 1,000
100,000 or more	5.75 per 1,000	6.10 per 1,000

Minimum order 1,000



S-628 ACTIVO. Make your own fertilizer easy, in as little as three weeks. Just sprinkle Active on kitchen waste, leaves, garden rubbish, sewage sludge etc. Sprinkle in outdoor toilets reduces odors, makes easily handled ash of waste. No. 2 size, \$1.50; per carton of 24, \$21.60; treats 450 lbs. compost; No. 7 size each \$3.00; per carton of 12, \$21.60, treats up to 1800 lbs.; No. 50 size drum, \$9.95; treats 6 tons compost.

S-970 SEQUESTRENE 330 FE IRON CHELATE. Contains 10.5% iron as metallic. For use on alkaline or slightly acid soils. May be applied as soil treatment or as foliage spray. 1 lb. for \$2.50; 5 lb. pkg. for \$7.20; 50 lb. bag for \$62.50.

CYANOGEN FOOT PUMP

S-353 For pumping Cyanogas A-Dust into insect nests, rat burrows, mole run-ways, and for other burrowing pests. Will last indefinitely if not abused. Made for heavy duty. Weight, 8 lbs. Price each, \$13.75. FOB Chicago.

CYANOGEN "A" GRADE

S-352 For moles, rats, gophers, and other ground rodents. 1 lb., doz., \$10.80; 5 lbs., each, \$4.75; 25 lbs., \$15.10; 100 lbs., \$27.25; 4-oz. tins for ants, doz., \$4.68.
via express, collect only.



VAUGHAN'S GREENHOUSE WHEELBARROW

S-1350 Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 15 in. wide at wheel end; 19½ in. wide at handle end; 11¼ in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The axle is 16 inches wide. Made of best material. Legs reinforced, spread of handles at hand-hold 20 in., which is extreme width of barrow. With Pneumatic Tire, \$28.95. F.O.B. Chicago

FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment plus postage.

HENCKEL TWIN BRAND KNIVES



S-120 BUDDING Model 780HR. Black handle; each \$4.25; 3 for \$11.50; 6 for \$20.70.



S-121 BUDDING & GRAFTING KNIFE. Model 727W Imported two blade. Each, \$4.75; 6 for \$25.20; 12 for \$47.00.



S-122 FLORIST KNIFE WITH GRAFTING BLADE Model 778CB. Each, \$3.50; 6 for \$19.50; Doz., \$36.50.

SCHRADE KNIVES



S116 VAUGHAN'S FLORIST KNIFE WITH GRAFTING BLADE. Model 182, each \$2.25; 6 for \$11.50; Doz., \$19.80.

S-117 VAUGHAN'S BUDDING AND GRAFTING KNIFE. Model 716, with 2 blades and Brass Caps, Each, \$2.75; 6 for \$14.40; Doz., \$24.60.



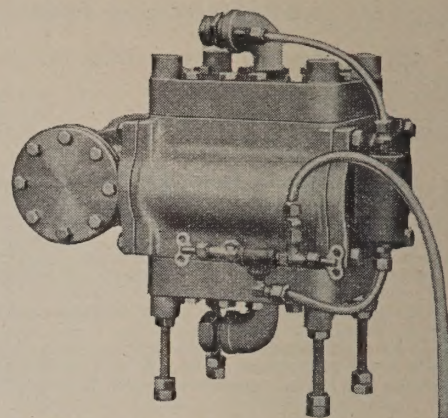
S-115 WHITE HANDLE, FLORISTS GRAFTING KNIFE. Model 195, silver nickel schackle for chain attach. Each, \$2.00; 6 for \$11.00; Doz., \$19.20.

S-118 LARGE PRUNING KNIVES. Model 186, 4¼ inches long. Each, \$2.50; 6 for \$12.00.

PACKAGED FERTILIZER

S-1420 RA-PID-GRO the Foliage Plant Food. Analysis 23-21-17 with Minor Elements, Vitamins and Growth Hormones. Good for all crops.

Size Packed	Wt.	Your Cost	Retail
6 oz.	24	11 lbs.	\$7.20 \$.50
1 lb.	12	16 lbs.	9.36 1.30
5 lb.	6	36 lbs.	17.10 4.75
10 lb.	4	45 lbs.	21.60 9.00
25 lb.	1	28 lbs.	13.50 22.50
50 lb.	1	53 lbs.	25.20 42.00



FERTILIZER-WATER MIXER FOR GREENHOUSE

SMITH MEASURE-MIX. A precision built water motor connected to injector pump powered by flow of water which accurately dispenses liquid fertilizer or other chemicals into water passing through and operating the machine. Tested by many large operators and proved to be efficient. Water intake is beneath, discharge on top. No oil, greasing or adjusting required. Needs no outside connections. Circular describing operation free on request.

S-1834 R3 machine, has ¾-inch pipe connections fitted with ¾-inch hose thread adaptors, mix 1 part fertilizer to 100 parts water. F.O.B. Pasadena, Cal.

Prices and Options for Model R-3

Option	Description	Price
A	Std. stainless steel Circle-seal check valve.....	\$330.00
B	Stainless steel rubber check valves.....	340.00
C	Stainless steel Double-ball check valves.....	345.00
J	Brass circle-seal check valves.....	290.00
K	Brass rubber check valves.....	300.00
L	Brass Double-ball check valves.....	305.00

S-1835 R-8 machine, takes 2-in. pipe mix 1 part fertilizer to 200 parts water. F.O.B. Pasadena, Cal.

Prices and Options for Model R-8.

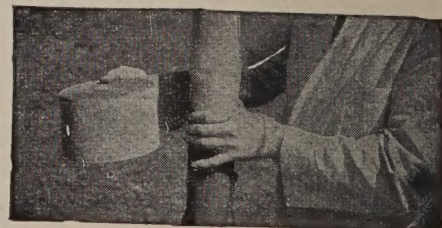
Option	Description	Price
E	Std. stainless steel Circle-seal check valves.....	\$820.00
F	Stainless steel Double-ball check valves.....	840.00
R	Brass Circle-seal check valves.....	750.00
S	Brass oversize circle-seal check valves.....	770.00
T	Brass Double-ball check valves.....	770.00

POLYETHYLENE FERTILIZER TANKS

S-1772 Made from virgin polyethylene, tanks are fully molded in one piece with no joints. This tank is self supporting. This tank is the answer to your fertilizer concentrate. Tanks measure 18" wide and 27" high. Tanks hold 27 gallons of solution.



Each, \$17.00; 3 or more, \$15.00; Covers, ea., \$2.50. F.O.B. Chicago, Ill.



KRINKLE-KRAFT WATERPROOF TREE WRAP PAPER

S-1117 For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. For tree protection from rodents, rabbits, and insects. Used by tree experts, nursery men and home owners, to help young trees mature. Rolls, 4 inches wide, about 150 ft. to a roll. Weight about 2 lbs. Retail at \$1.00. Each, 70c; 10 rolls for \$6.00; 30 to 50 rolls at 55c roll. FOB Chicago.

Insecticides & Other Chemicals

S-224 NEW! BOTRAN—50W. A new fungicide to control botrytis on Mums Roses, Hydrangeas, Geraniums and other ornamental crops. May be used as a spray or dip.
3 lb. ea. **6.00**
Write for complete information.

S-670 HERBICIDE.

The original weed killer. Destroys grass and weeds on paths, driveways, tennis courts, cobble gutters or any place where weed growth is not wanted. Don't use on lawns, or in garden beds. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. F.O.B. Chicago.

HERBICIDE

THE WEED EXTERMINATOR



For Paths, Cobble Gutters, Drives, Tennis Courts etc

Size	Packed	Wt.	Dealers Cost	Retail
Qt.	12	45 lbs.	\$ 8.00	\$1.00
Gal.	4	60 lbs.	6.70	2.50
5 Gal.	1	66 lbs.	7.75	11.75
30 Gal.	1	405 lbs.	30.00	45.00
55 Gal.	1	750 lbs.	46.75	68.75

DUPONT AMMATE WEED AND BUSH KILLER

S-474 DuPont "Ammate" (ammonium sulfamate) for control of poison ivy. Kills brush and other weeds. For cleaning out driveways, sidewalks, and spots where tough weeds grow. One application usually cleans out worst infestations. Easily dissolved in water for use in a sprayer or sprinkling can. NOT for lawns. Use 1 lb. to a gallon of water for 25 sq. ft. Price, 2 lb. pkg., \$1.35, 6 lb. jar, \$3.50, 60 lb. bag, \$19.20.

S-965 GRAYS IRIS BORER CONTROL.

Recommended by leading Iris Growers. Complete control.
Pint. \$ 1.70
Case (12 pints). 12.24
Quarts. 2.90
Case (12 quarts). 20.88

SOIL FUMIGANTS

S-367 DOWFUME MC-2 LIQUID. A reliable soil sterilizer.

1-lb. can.	\$ 1.15
Case (24—1-lb. cans).	21.84
S-368 Jiffy Applicator.	4.50

S-360 VAPAM 45 SOIL FUMIGANT. Proven highly effective in controlling weeds and weed seed. Also controls nematodes, and soil fungi.

Gallon.	\$ 4.75
5-Gallon Drum.	21.00
30-Gallon Drum.	97.50
Shipped express only.	

S-362 V-C13 NEMACIDE. Controls nematodes in greenhouse benches, seed flats, potting soil, etc.

Quart.	\$ 6.00
10-lb. bottle.	20.00

MISC. CHEMICALS

S-425 DU PONT GRASSELLI SPREADER STICKER.

Pints.	\$ 1.20
Gallon.	7.95
5 Gallon.	37.50

S-378 PHOSFON-D. The amazing new chemical to shorten the length of the stem on Pot Mums. 1 lb. will treat 3,000 to 5,000 pots. Write for literature.

1-lb. bottle.	Postpaid, \$ 17.95
Case (12—1-lb. bottles).	Postpaid, 215.40

S-532 SCALECIDE. Dormant spray oil for fruit and shade trees and ornamentals.

Quart.	\$ 1.25
Gallon.	2.75
Case (6—1 gallons).	11.70
5-gallon can.	10.50
55-Gal. Drum.	65.00

S-531 PARA-SCALECIDE. A liquid paradichlorobenzene treatment for control of peach borers and other borers affecting fruit and ornamental trees. Use 1 quart to 7 quarts of water and pour around the base of infected trees in early Fall or Late Spring.

Quart.	\$ 1.80
Case (12 quarts).	14.40
Gallon.	4.00

5222 FULEX SOIL TREATMENT. Combined—Improved. For carnation stem rot diseases and soil insects including symphylids, wireworms, cut worms and sow bugs. May also be used on other florist crops (except seedlings). Simply mix with water and apply to soil while plants are growing! Use 12 oz. of material to 100 gallons to treat 500 to 800 sq. ft. of bench area. On carnations two treatments 10 days apart and a third treatment six weeks later will last for the entire season. Write for complete information.

12 oz. bottle ea.	\$5.00
24 oz. bottle ea.	8.50
1 gallon.	35.00
4 gallons or more ea.	30.00
fob Chicago	

5221 FULEX A-D-O. A very efficient drench—Stops Damping-Off and Stem Rot for Geraniums, Lilies, Seedlings, Cuttings, etc. Contains a soluble liquid fungicide and chemotherapeutant which acts both externally and internally to inhibit the spread of rhizoctonia, pythium and fusarium, stem rot diseases. Some plants absorb the chemical which helps them to resist subsequent disease infection. Dosage is one teaspoonful to one gallon of water (1 pint makes 128 gallons of ready to use solution). Use 1 teaspoonful of ADO to one gallon of water and apply to 8 sq. ft. of bench area. One pint treats 1000 sq. ft. Write for complete information.

Pint ea.	\$4.95
Quart ea.	9.50
Gallon ea.	35.00
4 or more gallons ea.	30.00
fob Chicago	

BORGO—KILLS TREE BORERS. You simply paint Borgo on the bark of the tree or spray on limbs etc. No mixing required. Penetrates and kills all borers . . . in, on and under the bark to a depth of 2½ inches. Effect is lasting; even kills the eggs. Usable on almost all broadleaf and evergreen trees and shrubs. Economical in use, one quart rids a 4-inch diameter tree of borers.

Size	Packed	Wt.	Dealers Cost	Retail
Qt.	12	25 lbs.	\$16.49	\$2.29
Gal.	4	31 lbs.	17.98	7.49

NEW! PLASTIC PLANT TAGS TELL and SELL

Now even the plant tag has gone modern. New, colorful and beautifully illustrated, these tags identify the variety and show the flower in the loveliness of bloom. Provide an adequate description of growing habit of the plants, too.

Made of almost indestructible plastic, they are unaffected by water and other hazards. Convenient and easy to use. Sold in handy, economical 100-tags of one variety to box. We do not break boxes.

PRICES FOR PLASTIC BEDDING PLANT TAGS

Less than 10 boxes.	@ \$2.20 per box
11 to 49 boxes.	@ \$2.00 per box
50 to 199 boxes.	@ \$1.85 per box
200 to 499 boxes.	@ \$1.75 per box
500 to 999 boxes.	@ \$1.70 per box
1,000 boxes or more.	@ \$1.65 per box

VARIETIES AVAILABLE

AGERATUM Blue Mink
ALYSSUM Carpet of Snow
Rosie O'Day
Royal Carpet
ASTER Dwarf Queen Mixed
Giant Crego Mixed
CALENDULA Mixed
DAHLIA Unwins Dwarf
DELPHINIUM Pacific Giants
Mixed
DOUBLE GLORIOSA DAISY
DIANTHUS Bravo A.A.S.
1962
IMPAIENS Scarlet Baby
MARIGOLD Crackerjack
Spun Gold
Toreador
Petite Mixed
Dwarf Spry

PANSY Roggli
Swiss Master Blend
PETUNIA F-1 Grandiflora
Aristocrat
Ballerina
Blue Lustre
Blue Magic
Calypso
Fire Dance
Maytime
Pink Desire
Red Ensign
Tango
White Magic
PETUNIA F-1 Multiflora
Comanche
Coral Satin
Neptune

PETUNIA F-1 Multiflora
Paleface
Pink Satin
Red Satin
Satellite
Sugar Plum
Venus
PETUNIA All Double Lyric
All Double Mixed
Cherry Tart
PETUNIA Dwarf Giants of
California
Single Mixed
PHLOX Twinkles
Master Blend
PORTULACA Double Mixed
SALVIA Blue Bedder
St. John's Fire Tall

SNAPDRAGON Rocket Mixed
Tetra
SWEET WILLIAM Mixed
VERBENA Dwarf Master
Blend
VINCA ROSEA Bright Eye
ZINNIA Old Mexico A.A.S.
1962
Rosie O'Grady
Snow Time
Giant Hybrids Mixed
Dahlia Flowered Mixed
CABBAGE Resistant Golden
Acre
PEPPER Yolo Wonder
TOMATO Big Boy Hybrid
Early Giant Hybrid
WATERMELON Seedless

MARIGOLD CRACKERJACK



Height 30". Sun. New, dwarf edition of Sunset Giants Mixed. Huge double flowers in all possible Marigold colors, growing well above foliage.

DESIGNED AND LITHOGRAPHED
IN U.S.A. BY
STUCKEY, KRIST & DIMM
PORTLAND 9, OREGON
PAT. APP. FOR

Supplies for the Florist Shop



S-988 NO. 105A REVOLVING VOGUE DISPLAY. A beautiful Lazy Susan type rack that will keep your VOGUE stocks turning—physically and financially! Gay decorator colors. Sturdy modern design. This point-of-sale display will increase dealer turn-over and profits by boosting impulse buying. Shipped complete with 58 best selling VOGUE Flower Holders. Retail Value \$55.00; Dealer Price, \$33.00.

BREAKDOWN OF DISPLAY ASSORTMENT No. 105A

ITEM NO.	NO. OF UNITS	ITEM NO.	NO. OF UNITS
1—Pin Type.....	6	41—Pin Type.....	8
2—Pin Type.....	5	51—Aqua Pin Cup. 1	
3—Pin Type.....	4	52—Aqua Pin Cup. 2	
4—Pin Type.....	2	55—Aqua Pin Cup. 1	
5—Pin Type.....	1	65—Pin Type.....	2
6—Pin Type.....	2	71—Mesh Type.....	1
8—Pin Type.....	2	74—Mesh Type.....	1
9—Pin Type.....	2	20—Gift Box Ass't. 1	
10—Pin Type.....	1	82—Floral Clay.....	12
11—Inter Lock.....	2	95C Candle Holder set 1	
32—Pin Dome.....	1		
TOTAL UNITS..... 58			

VOGUE PIN TYPE FLOWER HOLDERS

F.O.B. Chicago

S-990 All Vogue Flower Holders are constructed of the finest materials with heavy lead alloy bases and needle sharp SOLID BRASS PINS very closely set. **HEAVY—RUST-PROOF—NON-CORROSIVE.**

No.	Weight Per Doz.	Size of Base Round Style	Price Per Doz.	Retail each
No. 0	2 lbs.	1 3/8"	\$1.50	\$.25
No. 1	3 lbs.	1 5/8"	2.10	.35
No. 2	5 lbs.	2 1/8"	5.10	.85
No. 3	6 lbs.	2 5/8"	6.90	1.15
No. 4	10 lbs.	3 1/8"	8.10	1.35
No. 5	14 lbs.	3 5/8"	11.10	1.85
No. 6	20 lbs.	4 1/4"	16.50	2.75
No. 7	30 lbs.	6"	23.70	3.95

No.	Weight Per Doz.	Oval style	Price Per Doz.	Retail each
No. 8 Oblong	6 lbs.	1 3/8" x 3 1/2"	\$6.00	\$1.00
No. 9 Oval	6 1/2 lbs.	1 7/8" x 3 1/2"	6.90	1.15
No. 10 Oval	9 lbs.	2 1/4" x 4 3/8"	10.50	1.75
No. 65 Rect.	9 lbs.	1 7/8" x 5"	7.50	1.25



S-986 VOGUE FLORAL CLAY.

Waterproof—Odorless—Permanently Plastic. Used to anchor flower holders, candles, figurines, dry arranging materials, etc. securely to the bottom of any floral container. Color: Floral Green only. Model 82 display carton of 12—25c size, \$1.50; Model 83 1 lb. retails at 60c, per carton of 5—1 lb. for \$1.50.



S-665 WILT-PRUF.

The amazing new liquid plastic spray for retarding water loss and wilting in plants. For complete protection of your evergreens, fruit trees and flowering shrubs all year 'round. Prevents injuries caused by windburn, sunburn, sun-scorch and salt spray.

Size	Packed	Wt.	Dealer Cost	Ea.	Retail
8 oz.	12	10 lbs.	\$10.68	.98	\$1.49
Pts.	12	16 lbs.	14.18	1.31	1.98
Qts.	12	33 lbs.	25.20	2.31	3.50
Gallons	4	43 lbs.	27.92	7.68	10.75
5 Gal.	1	55 lbs.	31.50	31.50	45.00
30 Gal.	1	310 lbs.	170.00	—	—

EEZY WEAR GLOVES

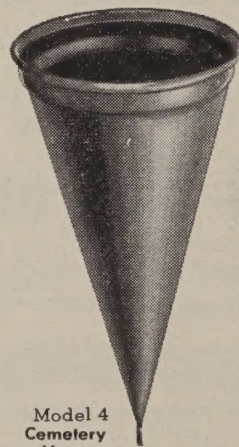
Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women, #626 "Small," "Medium," "Large." Men's sizes #606 "Medium" and "Large."

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-135	626	12	4 lbs.	\$13.60	\$1.75
S-136	606	12	4 lbs.	14.30	1.85

FLORIST FOIL

S-201 FLORIST-FOIL. Colored aluminum foil used for pot covers, etc. Colored on one side, silver on the other. Rolls 20 inches wide. Colors, violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, and blue. Per 50-ft. roll, \$1.15; 10 rolls for \$11.00; 25 rolls for \$25.00.

S-202 GRAPE LEAF EMBOSSED FLORIST FOIL. In all colors. Rolls 20 inches wide, 50 feet long, each, \$1.25; 10 rolls, \$12.00; 25 rolls for \$28.75.



Model 4
Cemetery
Vase

FLAT BOTTOM CEMETERY VASE

We do not split cartons.

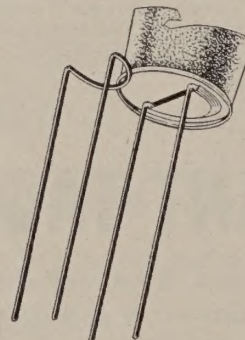
S-835B No. 2A. Detachable stem. Packed 3 doz. to carton. Price per carton, \$5.80; gross, \$21.60. Weight per carton, 11 lbs.

CONE SHAPED CEMETERY VASE

S-835A No. 4. 9 1/2 in. deep, 5 in. in diameter at top. Stem or spike is 3 in. long, made of No. 9 gauge steel. Packed 3 doz. to carton, price per carton, \$6.00, per gross, \$22.50. Weight per carton, 10 lbs.

NEW PLASTIC CEMETERY VASE Model CV6.

Comes complete with removeable plastic plug. Can be used with or without the plug. Will not rust. Sold in original cartons only.



Flat Bottom Vase
Model 2A



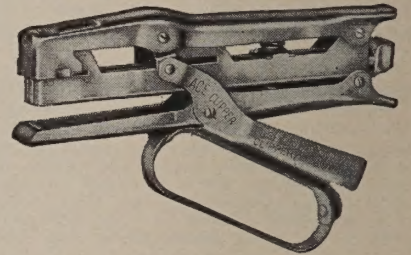
Cat. No.	Packed	Wt.	Dealers Cost
S-828	36	9 lbs.	\$6.50



New Flower Dri

The easiest and Best Way to dry Flowers. A special blend of 28-200 and 6-16 Tel Tale silica gel. One compound no mixing required.

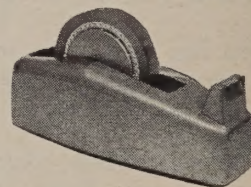
Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S-609	1 1/2 lb.	12	19 lbs.	\$21.24	\$2.95
	5 lb.	4	21 lbs.	16.68	6.95



ACE CLIPPER STAPLER MODEL 702

S-211 The deep throat, efficiency, and large staple capacity has made these staplers very popular. Ideal for florists. Each \$5.50; postpaid, \$5.70.

S-210 ACE CLIPPER STAPLES MODEL 700. For use in Model 702 stapling machine. Packed 5000 to a pkg.—pkg. of 5000, for \$1.00; 5 pkgs. for \$4.50; 20 pkgs. for \$15.00. Add postage.



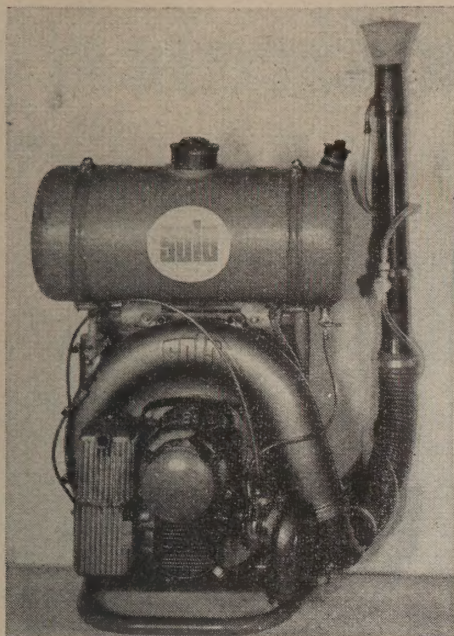
S-204 SCOTCH CELLULOSE TAPE TRANSPARENT 1/2 in. wide x 2592 inches, price per can of 2 rolls, \$1.84; 12 rolls at \$0.83 per roll; 48 rolls per roll \$0.76.

S-206 SCOTCH CELLULOSE TAPE DISPENSER. Model C-23, each \$3.95.

S-195 FLORALIFE. Floralife is now so formulated that it achieves TWO-WAY superiority: 1. Works in both "hard" and "soft" waters... no need for acids or other additions. 2. Concentrated! Stems never turn black! Water never discolors! Longer-lasting Floralife fed flowers mean more and better business for all of us. Floralife costs only pennies... order YOURS today! FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons; 25 2-qt. size, \$1.25; 100 2-qt. size, \$5.00.



	Packing Per Case	Wt. Per Case	Price Per Case
30-qt. size (\$1 retail)	12	9 lbs.	\$7.20
100-qt. size (\$3 retail)	12	31	21.00
250-qt. drum	6	34	24.00
500-qt. drum	1	12	7.50
1000-qt. drum	1	23	13.50
2000-qt. drum	1	46	25.00



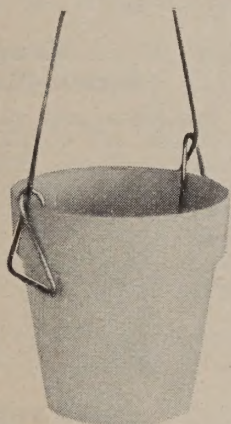
5000 SOLO SPRAYER DUSTER. This is the latest type of equipment for dusting or spraying in your greenhouse and nursery. The Solo Sprayer, Duster weighs but 27 lbs. This power driven knapsack sprayer does a better job with one gallon of liquid than gallons from a hydraulic sprayer. You use less chemicals. No need to drag costly hoses. Labor is minimum. This type of equipment was first used in Europe by both greenhouse growers and nurserymen. Write for complete information.

- S1774A SPRAYER** with diffuse nozzle (for spraying only).....**\$289.00**
- S1774B DUSTER** (for dusting only).....**289.00**
- S1775 SOLO Combine** (Spraying and dusting).....**289.00**

WIRE POT HANGERS.

Increase your growing space by hanging plants from purlins and other overhead pipes. The hanger will not slip off the pot. You can use the hanger on either clay pots or plastic pots. Also ideal to use to sell hanging basket begonias, vines and other plants to be hung in the garden.

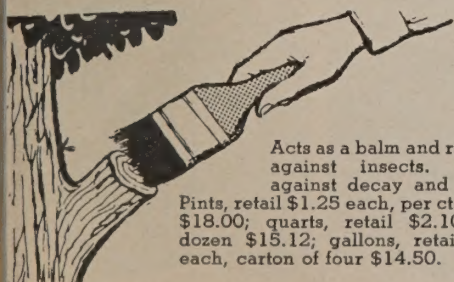
- prices per 100
- 18 inch.....**\$18.00**
- 24 inch.....**24.00**



S1395 CAM-JAY BENCH MINDER. Don't let costly records go to waste. The Com-Jay Bench Minder forms a permanent record of your greenhouse and nursery operations. It is not affected by water, sun, spray, use or abuse. This bench minder is made of a waxed cardboard-supported aluminum foil. Use a pencil or ball point pen, space enough for one complete year.

- prices per 100
- less than 100 ea.....**\$.40**
- 100 to 250 ea.....**.37**
- 250 UP.....**.34**

S-403 VAUGHANS TREE WOUND DRESSING



Acts as a balm and repellent against insects. Protects against decay and fungus. Pints, retail \$1.25 each, per ctn. of 24, \$18.00; quarts, retail \$2.10 each, dozen \$15.12; gallons, retail \$5.50 each, carton of four \$14.50.

SUNLIGHTER PLANT STANDS. These attractive stands are used by home owners to grow plants or in the Garden Center to hold small plants. Available in 3 different sizes.

Prices on plant stands do not include fluorescent lights

8 tray unit 55" x 24" x 27".
Cat. No. Packed Wt.
S1128A 1 28 lbs.
3 or more

4 tray 55" x 24" x 14".
Cat. No. Packed Wt.
S1128B 1 20 lbs.
3 or more

2 tray unit 30" x 24" x 12".
Cat. No. Packed Wt.
S1128C 1 10 lbs.
3 or more

Fluorescent Lights.
15 watt single tube.
Cat. No. Packed Wt.
S1128D 1 6 lbs.
3 or more

Fluorescent Lights
30 watt Double Tube.
Cat. No. Packed Wt.
S1128E 1 8 lbs.
2 or more

Automatic Timer for above.
Cat. No. Packed Wt.
S1127C 1 3 lbs.
3 or more



Dealers Cost Retail
\$24.45 Ea. \$34.95
23.30 Ea.

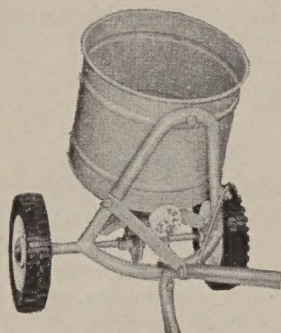
Dealers Cost Retail
\$15.35 Ea. \$21.95
14.63 Ea.

Dealers Cost Retail
\$6.47 Ea. \$9.95
6.22 Ea.

Dealers Cost Retail
\$5.82 Ea. \$8.95
5.64 Ea.

Dealers Cost Retail
\$8.42 Ea. \$12.95
8.16 Ea.

Dealers Cost Retail
\$6.47 Ea. \$9.95
6.27 Ea.



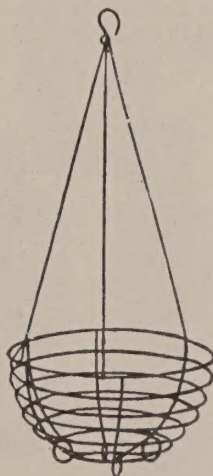
NEW TYPE LAWN SPREADER FIVE TIMES FASTER

IMPERIAL CYCLONE IMPROVED MODEL B. Even distribution of lawn seed in strips 4 to 6 ft. wide, fertilizers, insecticides, lime, etc., 6 to 8 ft. wide, is accomplished with amazing accuracy as proved in university tests. Holds up to 25 lbs. of grass seed, or 40 lbs. of plant food. From 4 oz. to 30 lbs. of pesticides per 1,000 sq. ft. can be evenly spread. Micro-dial setting insures accurate rates. Taper-edge spreading prevents streaks. Designed for hard use, sturdy construction, easy to clean, low cost. A professional tool which saves amateurs time and money.

Cat. No. Size Packed Wt. Dealers Cost Retail
S1550 B 1 20 \$16.64 \$24.95

S9928 BRASS PLATED HANGING BASKETS, very attractive. Same designs painted hanging baskets.

- per 10
- 8 inch.....**\$8.50**
- 10 inch.....**10.00**
- 12 inch.....**11.50**



VIO HOLDA PLANT STAND. A sensational new plant stand for African Violets and other house plants. Sturdy, heavy gauge all steel welded construction. Makes beautiful display. Holds 11 plants, 10 on revolving arms that extend outward 6 to 12 inches from the center shaft. Arms can be moved to any position to enhance beauty of display or to allow even sun and air exposure. Convenient 40" height. Light weight. Requires very little floor space. Easily dismantled for cleaning. Choice of White, Antique Black or Fawn Tan. Will last for years, indoors or out.

Cat. No. Packed Wt. Dealers Cost Retail
S1445 1 14 lbs. \$10.50 \$14.95
3 42 lbs. 29.25



GRASS GROWING HEADS, a terra cotta novelty. Natural color. Grooves in heads hold seed. Simple to use. Just soak head in water over night, fill with water and spread the seed very thickly over all the head. In about a week a lovely head of green hair will appear. Can be "crew cut" or styled to suit your fancy. In two sizes complete with seed and directions. Sold in full cartons only. F.O.B. Chicago. Extra packets of seed, per dozen 80c.

Cat. No. Packed Wt. Dealers Cost Retail
S1102A Sunny Jim Head 24 24 lbs. \$10.20 \$0.70
S1102B Buddy Head 12 21 lbs. 5.75 0.80



S-1122 LEAF-GLOW AEROSOL BOMB. Original spray for shining leaves. Contents 5 oz. Retail at \$1.00 each; carton of 12, \$7.20; 16 oz., professional size, retail at \$2.25 each; per carton of 12, \$15.00. 1 only each \$1.35, postpaid \$1.60.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

Vaughan's Garden Chemicals

*Sell these Fast-Moving Items
This Spring*

WEED AND CRABGRASS KILLERS

Vaughan's New Redi-Measure Products.

A completely new way to sell garden chemicals. For the first time garden chemicals come in handy little packets. Pour contents of packet into one quart of water and you are ready to use. No measuring or mess—you get exact solution every time. Each box holds 12 Redi-Measured Packets.

The following good-selling items are available in Redi-Measure Packets:

- S-1317R** Vaughan's Lawn Weed Killer
- S-1302R** Vaughan's Bent Grass and Chickweed Killer
- S-1310R** Vaughan's Clover Killer
- S-1315R** Vaughan's Liquid K. O.
- S-1330R** Vaughan's Super Sodar
- S-1308R** Vaughan's Insect Spray

Display Carton. State catalog number and item desired.

Size	Packed	Wt.	Dealer's Cost	Retail
12—10cc pks.	24	6 lbs.	\$12.82	\$8.99

Master Pack Contains 6 Displays, one each of the six Redi-Measure Items.

Cat. No.	Packed	Wt.	Dealer's Cost	Retail
1300 SM	6	35 lbs.	\$76.92	\$8.99

New! Vaughan's Liquidate

A complete herbicide to be used in drive-ways, patios, and other areas where weeds and grass are not desirable. Strictly non-toxic. Easy and safe to use.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S1341	Pts.	12	20 lbs.	\$7.06	\$0.98
	Qts.	12	35 lbs.	12.60	1.75
	1/2 Gal.	6	35 lbs.	11.34	3.15
	Gal.	4	50 lbs.	13.68	5.70

Vaughan's Lawn Weed Killer

Kills both broad-leaved and woody pests. Contains 2,4D and 2,4,5T; 2,4,5T kills poison ivy, poison oak sumac, ailanthus and others. 2,4D kills dandelion, plantain, rag-weed, and other broad leaved weeds. 8 oz. covers 1,500 sq. ft., qt., 5,000 sq. ft.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S1317	8 oz.	24	22 lbs.	\$12.96	\$0.90
	1 qt.	12	32 lbs.	19.80	2.75
	Gal.	6	60 lbs.	24.30	6.75
	5 gal.	1	50 lbs.	18.00	30.00

Vaughan's Chickweed Killer

A positive destroyer of chickweed (also clover) for dry application. Packaged in handy new 10 oz. shaker-type container for quick and easy application without special equipment. Safe to use, will not harm most fine grasses but may kill bent grasses. 10 oz. can enough to treat 135 square ft.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S1301	10 oz.	12	15 lbs.	\$6.98	97c

Vaughan's Liquid K.O. Crabgrass-Weed Killer

An extremely effective all-in-one control for both crabgrass and broadleaf weeds. A combination of the time-proven crabgrass killer, Super Sodar® and 2,4D which is death on broadleaf weeds. Easy to apply with tank- or hose-type sprayers. Pint treats 1,500 sq. ft.

Cat No.	Size	Packed	Wt.	Dealers Cost	Retail
S1315	Pts.	12	20 lbs.	\$16.92	\$2.35
	Qts.	12	35 lbs.	28.44	3.95
	Gal.	4	50 lbs.	31.08	12.95



Vaughan's Bentgrass and Chickweed Killer

Bentgrass is a new nuisance to many homeowners because it has invaded Merion and other fine lawns and caused unsightly patchiness. Vaughan's new control is a good spray control and should sell well. Also effective against Common and Mouse-Eared Chickweed, Clover and Henbit. Not harmful to most desirable grasses. Contains 2, 4, 5 TP (Silvex). 8 oz. treats 2000 to 4000 sq. ft.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S1302	8 oz.	12	11 lbs.	\$12.17	\$1.69
	Pts.	12	21 lbs.	21.46	2.98

Vaughan's Lawn Clover Killer

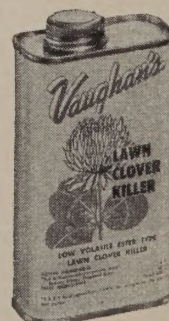
For those who object to clover's white blossoms, and susceptibility to disease. Contains 2,4,5T plus other ingredients to penetrate and kill tough stems of old clover. Will not harm grass when used as directed. 8 oz. covers 1,500 sq. ft.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S1310	8 oz.	12	11 lbs.	\$ 9.00	\$1.25
	Qts.	12	32 lbs.	21.46	2.98
	Gal.	6	60 lbs.	27.90	7.75
	5 Gal.	1	50 lbs.	20.85	34.75

Vaughan's Liquid Super Sodar®

High Power liquid for quick crab grass kill. Complete destruction in hours, not days. Clears heavily infested area for immediate preparation and planting of new lawn. Apply with sprayer. 1 pt. covers 1,500 sq. ft. ®Reg. applied for.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S1330	1 pt.	12	20 lbs.	\$12.89	\$1.79
	1 qt.	12	35 lbs.	21.24	2.95
	Gal.	4	40 lbs.	23.40	9.75



Insecticides and Fungicides

It Pays To Stock And Sell Vaughan-Labelled Products

Today's retail customer wants a specific product to cure a specific problem. And Vaughan's provides the widest and finest line available for sale today. They are packaged to stimulate impulse sales . . . each show right on the label what they do for a customer's lawn or garden. Many of them do more than one specific thing . . . another reason why you almost never get a quality complaint on a Vaughan's product and why customers almost always return for more. Stock the full line; one product helps sell the next because of the Vaughan name.

Vaughan's Rose and Plant Dust or Spray with Phaltan

Protects plants from insects and diseases without diagnosing trouble. Contains new Phaltan for black spot on roses and other fungi and mites; Malathion, destroyer of aphids and other insects; 5% D.D.T. all around insecticide dust. Protects roses, evergreens, and other ornamental plants from any pest that threatens them. Use in garden dusters or sprayers. 8 oz. is a refillable pump gun.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1322	8 oz.	24	22 lbs.	\$17.14	\$1.19
	1 lb.	12	18 lbs.	10.73	1.49
	4 lb. can	4	22 lbs.	10.78	4.49

Vaughan's Tomato and Vegetable Dust or Spray

Protects edible plants from insects and diseases, with complete safety to those who eat the vegetables and fruit. Contains malathion and methoxychlor, which destroy insects of all types, and captan, which disposes of all fungi. Use on fruit trees, and on flowers if you wish. Apply as dust or spray with regular garden equipment. 8 oz. is a refillable pump gun.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1335	8 oz.	12	9 lbs.	\$7.20	\$1.00

Vaughan's Fruit Tree Spray

A fine control for insects, fungus and other diseases. Usable to protect Apple, Pear, Peach, Plum, Cherry and other fruit trees. Made to Vaughan's exacting specifications with 12% Methoxychlor, 6% Malathion and 12% Captan. 12 oz. makes 9 gallons commercial strength spray.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1309	12 oz.	12	12 lbs.	\$ 9.00	\$1.25



Vaughan's Insect Spray

Made especially for the home gardener; usable inside and outside the home. Kills Aphids, Red Spider, Japanese Beetle, Lawn Webworms, Chiggers, Chinch Bugs, Mole Crickets, Thrips and other bothersome insects. Easy and economical to use. Contains Malathion of Premium grade to control odor, plus Lindane, DDT and Tedion. A Vaughan's product that answers many customer-requests. Pint makes up to 32 gallons spray, average dilution.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1308	4 oz.	12	7 lbs.	\$ 6.40	\$.89
	8 oz.	12	12 lbs.	11.45	1.59
	Pt.	12	25 lbs.	20.80	2.89
	Qt.	12	50 lbs.	35.85	4.98

New! Vaughan's Evergreen Spray

Contains malathion for red spider control. Easier, safer to use on evergreens. This spray can also be used on other garden flowers.

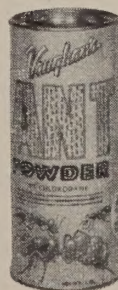
Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1342	8 oz.	12	15 lbs.	\$11.45	\$1.59
	Pts.	12	25 lbs.	20.80	2.89

Vaughan's New Rose Fungicide

Contains Phaltan 75W. a new and improved fungicide.

A highly effective fungicide in a newly designed package to stimulate impulse sales to rose lovers. A specific remedy for Rose Black Spot, Powdery Mildew and other plant diseases. 6 oz. makes up to 30 gallons diluted spray.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1320	6 oz.	12	8 lbs.	\$12.89	\$1.79
	12 oz.	12	15 lbs.	23.69	3.29



New! Vaughan's Ant Powder

Contains 6% Chlordane. Use to kill ants, silverfish, erwigs, spiders, and other household and garden insects.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1344	1 lb.	12	13 lbs.	\$4.62	\$0.65

Vaughan's 45% Chlordane

Most versatile insecticide. Kills insects infesting Lawns, Soils, Gardens, Homes such as Ants, Chiggers, Chinch-bugs, Boxelder bugs, Grubs, Roaches, Silverfish. Also Flies, Mosquitoes, and TERMITES. Also recommended for Crab Grass control.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1305	4 oz.	12	7 lbs.	\$ 5.40	\$ 0.75
	8 oz.	12	12 lbs.	7.92	1.10
	1 pt.	12	21 lbs.	13.32	1.85
	1 qt.	6	20 lbs.	10.62	2.95
	1 gal.	4	49 lbs.	25.20	10.50

Vaughan's 74% Chlordane

Widely accepted for crabgrass prevention and for control of lawn insects such as ants, chiggers, white grubs, sod webworm, cutworms, wireworms, earwigs, slugs, root maggot and others in flower garden soil. Excellent termite control.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1307	Pt.	12	25 lbs.	\$25.13	\$3.49
	Qt.	6	25 lbs.	19.05	5.29

Vaughan's Formula Z 5 in 1 Lawn Fungicide

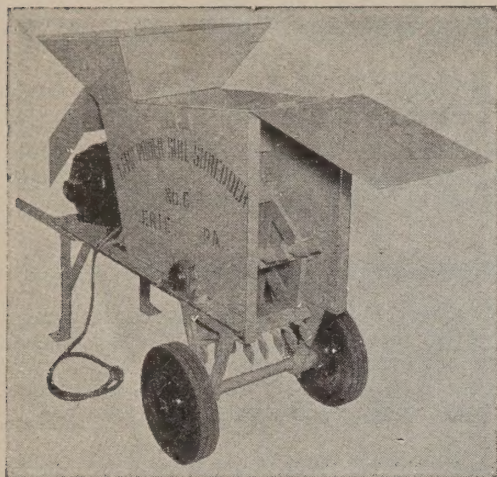
Ends summer brown-out, brown patch, leaf spot, dollar spot and other lawn diseases without the need of diagnosis or experiments. Keeps deep green color in lawn through hottest midsummer weather. Easy to apply as dust, or spray, with usual garden equipment. 8 oz. treats 2000 to 4000 sq. ft.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
\$1340	8 oz.	12	12 lbs.	\$25.20	\$3.50
	5 lb.	1	5 lbs.	14.85	24.75

Add 10% for less than case lots.



SOIL SHREDDERS



KEMP SOIL AND COMPOST SHREDDERS

The KEMP principle of shredding (not grinding) was developed specifically for professional growers. Soil comes out ready to use at just the right texture and thoroughly aerated. KEMP dependability is well established. Designed and engineered for long life. Used by florists, nurserymen, parks, professional growers, cemeteries, etc.

S-1815 KEMP POWER SOIL SHREDDER No. 6. The capacity is 3 to 6 cubic yards per hour. This popular model can be taken right to the job, as it is designed to move easily between benches... a definite advantage, since the KEMP principle with VARIABLE Adjustment produces just the right texture of shredded and aerated soil for each particular job. The KEMP No. 6 is powered by a ¾ H.P. heavy duty electric motor. It is 36" long, 22" wide, 36" high at the hopper, and 33" high at the discharge end. The approximate shipping weight is 200 pounds. **Two rubber tires standard equipment.**

Machine shipped complete with motor and cord, ready to plug into socket and run. Complete with rubber tired wheels, \$225.00.

S-1816 MODEL SK KEMP SHREDDER FOR HOME GARDENERS. Rubber Tires standard equipment on this model. An all purpose shredder for home gardeners.

With Briggs and Stratton 2¼ H.P. Gas Engine. \$150.00
With ½ H.P. Electric Motor, 1725 RPM. 155.00
Less Power (Includes pulley on machine). 112.00

KEMP SOIL SHREDDERS

Two rubber tires standard equipment

S-1817A No. 6 Complete with ½ H.P. electric motor, 3 ft. of cord. \$208.00

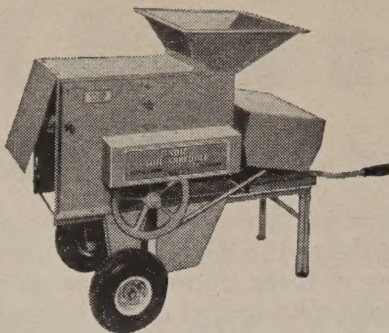
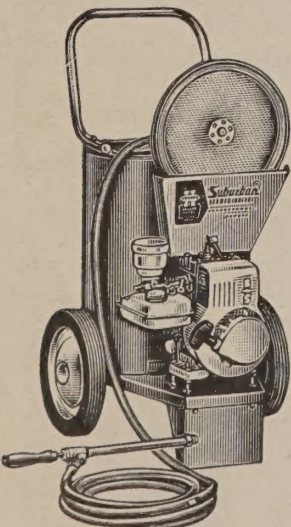
S-1817B No. 6 Complete with 3 H.P. Briggs & Stratton gas engine, mounted on truck with wheels. \$204.00

S-1817C No. 6 Complete, less engine or motor, mounted on truck. \$156.00

When ordering without power, give specifications on power to be used, so we can furnish proper pulley. Write for prices and literature on other models.

S-1242B HUDSON SUBURBAN POWER SPRAYER. Model 1225. Tank capacity 12½ gallons. Made of heavy gauge galv. steel; welded seams. Complete with 20 ft. of ¾" Kem Oil "250" Spray Proof hose. With adjustable Power Spray Gun, width overall 21 inches. 2 h.p. 4 cycle air cooled engine. Recoil starter. 150 lbs. pressure. Each \$113.00. Weight 90 lbs.

S-1242A Model 1225E ½ h.p. electric motor and 50 ft. of rubber - covered cord. 100 lbs. pressure. Weight 96 lbs. Each \$126.00. Pre-paid prices.



LINDIG SOIL SHREDDERS

Semi-pneumatic rubber-tired wheels are now standard equipment on all models.

FOB St. Paul, Minn.

S-1822 MODEL JR-B. Feeding Hopper size 15x15 in., with 15 shredding blades, and 4 stationary blades. Price without motor, \$118.00, with ½ h.p. electric motor, \$170.00, with 2 h.p. Gas engine with clutch \$170.00.

S-1824 MODEL 1B-4. Feeder hopper size 16x18 in., shredding rotor assembly 8½ in. wide, with 4 shredding blades on each bar, with 3 stationary blades. Price without motor, \$165.00; with ¾ H.P. electric motor, \$240.00, with 3.25 H.P. Gas Engine, 4 cycle heavy duty complete with clutch, \$230.00.

S-1825 MODEL 1B-6. Same as model 1B-4, except that it has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, \$175.00; with ¾ H.P. electric motor, \$250.00; with 3.25 H.P. Gas Engine 4 cycle, heavy duty complete with clutch \$240.00.

S-1826 MODEL 2B-6. Feeder hopper size 18x20 in., shredding rotor assembly 10½ in. wide, has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, \$190.00; with ¾ H.P. electric motor, \$265.00; with 1 H.P. electric motor, \$285.00; with 3¼ H.P. Gas Engine 4 cycle heavy duty, complete with clutch \$255.00. With 1½ HP 3 phase elec. motor, ea. \$320.00.

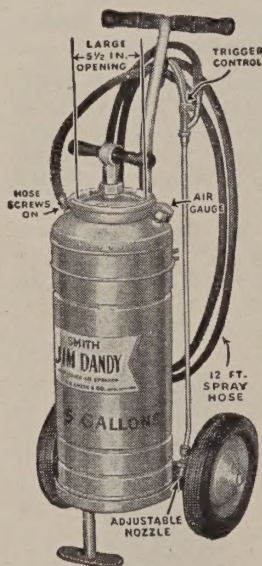
S-1827 MODEL 2B-8, same as model 2B-6, except that it has 8 shredding blades on each bar, with 7 stationary blades. Price without motor, \$200.00; with 1 H.P. electric motor, \$295.00; with 3.25 H.P. Gas Engine and clutch, \$265.00; with 1½ H.P. electric motor, 3 phase, each \$330.00.

S-1828 Screening Attachments:

Type B Screener for Model 1B-4 and 1B-6. \$60.00

Type B Screener for Models 2B-6 and 2B-8. 70.00

Rubber-tired wheels with tubes for use with models 1B and 2B, per set. 22.00



ONE-MAN PRESSURE SPRAYER

S-1226 SMITH JIM DANDY CART SPRAYER. The king of all sprayers. The all around sprayer for lawns, vegetable crops, trees, shrubs, etc. Also a hand sprayer for factory or indoor use. Easily wheeled around. Equipped with balloon tires and 12 ft. of ¾ inch high grade spray hose and automatic shut-off nozzle. Galvanized 5 gallon capacity price each, \$35.26; via express collect.

CHAMPION KNAPSACK SPRAYER

All purpose sprayer. Tank shaped to fit man's back. Holds 4¼ gals. of fluid. Weight 17 lbs. Adjustable brass nozzle readily adjusted from a fine spray to 35 ft. stream. FOB Chicago.

S-1232 Model 2. Galvanized, price each, \$22.50.

S-1233 Model 2. Brass, price each, \$25.00.

S-1234 Model 3-SS. Stainless Steel, each \$31.50.

We carry a complete line of Hudson Sprayers, Duster and Flame Sprayers. Write for illustrated catalog and prices.

VAUGHAN'S IMPROVED LAWN SPREADERS

Scientifically and accurately spreads all fertilizers and lawn seeds. Provides uniform flow of all materials, including lime. 17 inch, 18 inch and 24 inch available in attractive two-tone color. Shutter is instantly locked open or closed. Simple, positive adjustment of feed control by positioning and locking the wing nut in calibrated slot. Rugged 10 inch semi-pneumatic puncture proof tires.

S-1522 17-inch Standard. Heavy gauge steel. Capacity 30 lbs. Retail at \$8.50; each \$6.25; in lots of 3, each \$5.67.



17 inch.

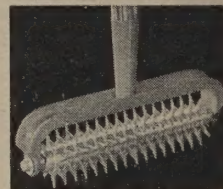
S-1544 18 inch De Luxe. Modern precision application rate control, so you can cover up to 700 square feet of area with 1 lb. of merion blue. Shutter instantly locked, open or closed, by twist of grips. Far superior to all other spreaders. Plated agitator to resist acid corrosion and rust. Easily assembled. Sturdily built. Heavy rubber tires. Max. capacity, 50 lbs. Retail at \$15.95; each \$11.70; in lots of 3, each \$10.63.

S-1546 24 inch De Luxe. Professional Model. Max. capacity 70 lbs. Same construction as 18 inch. Retail at \$19.95; each \$14.60; in lots of 3, each \$13.30.

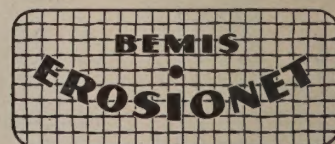
S-1645 VAUGHAN'S LAWNOVATER.

A lawn cultivator is needed for many jobs, foremost of which is reseedling of bare spots. The spiked disks open holes in the soil crust, without tearing the turf. It is a sturdy tool, with cadmium plated hard steel disks.

It is also an efficient cultivator for soil beneath shrubs and perennials where it breaks the soil crust without injuring the roots that grow near the surface. When ordering single packed, dealers price is \$3.85 each, regardless of quantity ordered.



Cat. No.	Packed	Wt.	Dealers Cost	Retail
S-1645	1	5 lbs.	\$3.85	\$5.79
	5	21 lbs.	17.37	5.79



EROSIONET. Made of strong, open mesh fabric. Will hold your seed and sod firmly in place. Prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2½ inches high. Width, 45 inches. 250 yds. to roll. FOB Chicago.

Cat. No.	Yds.	Wt.	Dealers Cost	Retail
S-1362	25	10 lbs.	\$ 5.25	\$0.30
	100	40 lbs.	19.50	
	250	102 lbs.	39.50	

in lots of 3 rolls or more, each, \$37.50

Vaughan's Plant Foods and Bagged Goods

VAUGHAN'S ONE SHOT MERION FERTILIZER (20-5-5). The revolutionary new fertilizer that supplies adequate amounts of plant food in the proper proportions. Full 20 units of nitrogen, from many sources including organics and urea formaldehyde compounds. Retail at \$8.95 per 50 lb. bag, 12 bags for \$66.00. Freight prepaid. 25 lb. size retails at \$4.95; 12 bags for \$36.50.



VAUGHAN'S EVER-GREEN FOOD. (10-8-6). A specific food tailored for all evergreens, ornamentals, hedges, trees and vines. A 50% organic, high analysis plant food. 5 lb. size, doz. \$6.95; 10 lb. size, \$6.15 for 6; 25 lb. size, 12 for \$23.90.



GROGANIC. Rose & Plant Food—10-6-4—A long lasting plant food containing over 50% organics. Tailor made to start feeding fast and to continue feeding over a long period. Contains Dried Blood & Trace Elements. 5 lb. size, \$6.95 doz; 10 lb. size, \$6.15 for 6; 25 lb. size retails \$3.25; 12 bags for \$23.90.

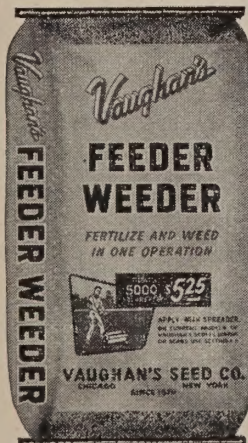


VAUGHAN'S 100% ORGANIC (5-5-0). A semi-granular high analysis activated sludge, testing from 5.0% to 5.5% organic nitrogen and from 5.0% to 6.5% phosphate. Being all organic it is a safe, long lasting fertilizer that will not burn at any season of the year. Needless to say it has long been a "must" for home lawns and gardens. It has the ability to aid in the development of a deeper root system and builds beautiful turf. 80 lb. bag \$2.45. Ton \$58.00 each. 5 ton at \$49.00 ton; 50 lb. bag \$1.65. Ton \$63.00 ea. 5 ton at \$54.00 ton.



NEW!

VAUGHAN'S FEEDER WEEDER. Nourishes lawns to new beauty as it kills weeds! It's a complete lawn food (20-10-5) with 24D added to rid the lawn of broad leaf weeds. Bag covers 5,000 sq. ft. Retail \$5.25 12 bags for \$37.80.



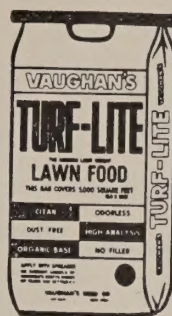
Fertilizer prices are F.O.B. Downers Grove, Ill., unless otherwise noted. Please order in quantities to justify your freight charges.

VAUGHAN'S PREVENTS contains Dacthal. For use on established lawns as a pre-emergent treatment for the control of smooth and hairy crabgrass. Also effective against other annual weeds as milky spurge, purslane, carpet weed, witchgrass, annual chickweed and foxtail.

Recommended as a border control in foundation plantings and in flower bed borders. Prevents growth of most grassy weeds in these areas if soil is undisturbed after cultivation.

Size	Packed	Weight	Dealer Cost	Retail
2,000 sq. ft.	12	252 lbs.	\$48.60	\$6.75

VAUGHAN'S TURF-LITE. The modern light weight lawn food. The easy, effort saving way to fertilize the home lawn. One bag feeds 5,000 sq. ft. A clean odorless, dust-free material with high nitrogen analysis (20-10-5). Beautifully packaged in heavy weight, washable poly bags. Competitively priced. Retail for \$4.35, 20 units for \$53.00.

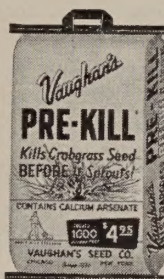


PRE-KILL—THE THREE YEAR CRABGRASS CONTROL

In tests at leading research centers calcium arsenate has been proven best of the several pre-emergence materials available.

Vaughan's Pre-Kill contains liberal quantities of calcium arsenate in an easy to use form. A 36 pound bag emptied into a standard spreader is quickly applied to a 2000 square foot area (50x40).

Apply anytime up to 2 weeks before crabgrass seed germinates. After the second year a "booster shot" of Pre-Kill, at one third application rate, will continue the effectiveness.



Size	Packed	Wt.	Dealer Cost	Retail
1000 Sq. ft.	6	115 lbs.	\$17.82	\$4.95
2000 Sq. ft.	12	444 lbs.	\$68.04	9.45

Vaughan's KO®

CRABGRASS and Common LAWN WEEDS

KO=SODAR® plus 2, 4D Mixed Dry, Ready to Use!

MADE FOR USE IN SPREADERS!

Here's SODAR®, so deadly to crabgrass, plus 2, 4D to kill all common lawn weeds like dandelion, ragweed, plantain and many others—now combined in convenient DRY form. KO is the "dry double purpose crabgrass and weed killer. Apply by spreader or hand. 9 lb. bag covers 2500 sq. ft.

Size	Packed	Wt.	Dealers Cost	Retail
2500 Sq. ft.	4	40 lbs.	\$ 9.48	\$3.95
5000 Sq. ft.	10	190 lbs.	41.70	6.95

K.O. FOR SPOT TREATMENT

Extra-easy-to-use and a new idea in lawn care. Now customers can just shake K.O. on for a lawn free of crabgrass and weeds. Package spot-treats the average home grounds.

Size	Packed	Wt.	Dealers Cost	Retail
4 lbs.	12	50 lbs.	\$16.20	\$2.25

VAUGHAN'S GARDEN PLANT FOOD (4-12-12)

NEW THIS YEAR—Ideal for the flower or vegetable garden. Insures more normal development of blooms and produce without excess stimulation of leafy growth.

5 lb. size only, packed 12 to case. Retail at 95c; \$6.95 per case.



VAUGHAN'S INSTANT GLAMOUR SUPER SOLUBLE PLANT FOODS

NEW! Now Vaughan's own brand of completely soluble plant foods tailored for the needs of specific crops.

Manufactured from only the highest grade ingredients carefully blended to include all accepted secondary and trace elements. Completely chelated.

They are compatible with all insecticides and fungicides and are non-corrosive to equipment and lines employed in application. Adequately colored. 50 lb. drums only.

ANALYSIS	Prices per Pound		
	50 to 299 Lbs.	300 to 999 Lbs.	1000 to 1999 Lbs.
20-20-20.....	\$0.30	\$0.26	\$0.25
15-30-15.....	.30	.26	.25
25-0-25.....	.28	.24	.23
25-10-10.....	.30	.26	.25
30-10-10.....	.30	.26	.25

Shipped freight prepaid to any point in the U.S. (Hawaii and Alaska excepted). West of the Mississippi add .03 lb. Orders less than 300 lbs. shipped freight charges collect.

PETERS SPECIAL SOLUBLE FERTILIZER with M77 chelating Formula, assures availability to the plants of all elements primary, minor and trace. At normal rates the solution is crystal clear and 100% soluble.

	25 to 75 Lbs.	100 to 975 Lbs.	1000 to 1975 Lbs.
15-15-15			
20-5-30			
16-4-12	.28 Lb.	.24 Lb.	.23 Lb.
25-10-10			
21-7-7			
20-20-20			
25-5-20			
15-30-15	.30 Lb.	.26 Lb.	.25 Lb.
30-10-10			
10-30-20			

Freight prepaid in the continental United States on all orders of 300 lbs. or more. West of the Mississippi add .03 per lb. Orders less than 300 lbs. shipped freight charges collect.

Packed in 25 lb. bags only—shipped from Allentown, Pa. Can not be combined with other goods shipped from Chicago area warehouse.

KAPCO SOLUBLE FERTILIZERS. Consist of water soluble crystals containing a high concentration of the primary and secondary elements required to sustain plant life. When crystals are dissolved in water the solution is then a complete liquid fertilizer.

Analysis	Prices per pound		
	50 to 299 Lbs.	300 to 999 Lbs.	1000 to 1999 Lbs.
15-30-15.....	\$0.27	\$0.23	\$0.22
20-20-20.....	.27	.23	.22
24-12-12.....	.31	.27	.26
25-0-25.....	.23	.19	.18
12-24-24.....	.25	.21	.20
AZALEA 50 30-10-10	.31	.27	.26

In lots of 300 lbs. or over, Kapco Fertilizers, are Prepaid within 400 miles of Chicago, or Somerset, Pennsylvania. Packed in 50 lb. size only.

VAUGHAN'S BONE MEAL Standard ground and steamed to increase its availability. Packed in 5 lb. cartons. 12 to the case. Retail at \$1.00; Case \$7.20.

VAUGHAN'S SUPER PHOSPHATE (20%). Attractively packaged in 5 lb. cartons. 12 to case. Retail at 85c; \$6.12 per case.

VAUGHAN'S SULPHATE OF AMMONIA. Crystal grade. 5 lb. cartons. 12 to case. Retail at 85c; \$6.12 per case.

VAUGHAN'S MURIATE OF POTASH (60%). Medium size. 5 lb. cartons. 12 to case. Retail at 85c; \$6.12 per case.

IMPORTANT. The prices on this page are based on present prices of fertilizer and are subject to change as market fluctuates.

BUYERS: Give this Check List the "Once Over" When Ordering

This is a list of items most commonly used and needed by Greenhouse operators during the catalog months of the year. A glance at the list will probably recall any needs you might have forgotten which would inconvenience you later. It will also be a suggestion aid as to the possibilities of filling any empty benches. Included are a few hints regarding varieties, time of blooming, and culture. All items are listed in our Vaughan's Seed Co. Wholesale List but this will give you a quick check for busy months. We are planning to print improvements on this in each book if it is of any value to you. We would appreciate hearing your ideas. Better keep this for reference until the next issue.

*Starred perennial varieties are valuable for cutting besides plant sales.

(A) means Annual; (B) means Biennial; (P) means Perennial.

ITEMS TO START IN JANUARY

FLOWER SEEDS

Ageratum (Spring plants)
Asparagus Sprengeri
Plumosus Nanus
Begonias (Spring plants)
Calendulas (for cutting)
Candytuft (for cutting)
Carnation (Annual for plants)
Centaurea Candidissima (Dusty Miller). Must be sown early.
Cyanus Cornflower (for cutting)
Chrysanthemum (Annual cutflower)
Cineraria (for late May combinations)
Clarkia (for cutting)
Coleus (Spring plants)
Dahlias Unwin (fine pot plants)
Dracaena Indivisa (for pot plants)
Exacum (fine pot plant)
Fuchsia (fine pot plant)
Gloxinia (for pot culture)
Gypsophila (Annual for cutting)
Impatiens (fine shade plants)
Kalanchoe (for pot plants)
Larkspur (Annual, for cutting)
Lilium Praecox White Queen (for spring 1963)
Linaria (for combination)
Lobelias (Spring plants)
Lupins (Annual, for cutting)
Marigolds Dwarf (for combination)
Matricaria Golden Ball Pots
Mignonette (Spring cutting)
Nemesia (for combination)
Nierembergia Purple Robe Impr. (for pot culture)
Pansies Roggli Giants, Super Maple Leaf Giants Mixed Largest, Super Swiss Giants Finest color range, size and earliness.
Petunias All Double and Dwarf Giants
Salpiglossis (for cutting)
Salvia (for plants)
Schizanthus (for combination)
Shamrock for pots
Snapdragon (for cutting)
Solanum (Xmas Cherry or Pepper)
Stocks Column and Branching
Strawberries (Baron Solemacher)
Sweet Peas (Early and spring)
Torenia Fournieri (for pot culture)
Verbena (for early combination)
Vinca Rosea, Must be sown early.

Planted in January	Benching	Blooming	Culture
Antirrhinum	March	April-June	Pinch February 15th.
Begonias (Seed)	Jan.	May-June	
Candytuft & Nemesia	Jan.	May-June	Sow directly in flats, bench.
Centaurea Cyanus	Feb.	April	One pinch.
Chrysanthemums (A)	March 1	May	
Clarkia	Jan.	April-May	Grow 2" or shallow flats. Poor soll.
Gloxinia	Jan.	Aug. Sept.	Grown under partial shade.
Gypsophila	Jan. & every two weeks	March 15	Sow directly in flat or bench.
Kalanchoe 60°-65°	March	Dec. 1-15	Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
Kalanchoe 60°-65°	March	Christmas	Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
Lupinus	Jan.	April	
Petunias	Jan.	April-June	
Salvia	Feb.	July-Aug.	Keep bushy.
Solanum	March	Berried Dec.	Pinch March.
Stocks	March	Memorial Day.	Grow below 50°.
Sweet Peas	Jan.	April-June	
Torenia	Feb.	June-July	Pinch March.
Hydrangea (cuttings)	Feb.-April	Easter-June	Do not pinch later than July 1.
Gladiolus	Jan. 15	May	
Croft Lilies	Jan. 1	April 30	Grown at 60°
Croft Lilies	Jan. 15	May 10	Grown at 60°

ITEMS TO START IN FEBRUARY

FLOWER SEEDS

Ageratum
Asparagus Plumosus Nanus
Asparagus Sprengeri
Asters (for forcing)
Calendula (for cutting)
Coleus (Spring Plants)
Carnation Annual (for plants)
Centaurea Cand. (Dusty Miller)
Centaurea Cyanu.
Dahlias Unwin (Fine pot plant)
Dracaena Indivisa
Gypsophila Annual
Larkspur Annual for cutting
Lilium Praecox White Queen (for spring 1963)
Linaria (for combinations)
Marigold (Dwarf for combinations)

FLOWER SEEDS—Continued

Mignonette (for cutting)
Mimulus (for pots)
Nasturtiums (Double for cutting)
Nierembergia Purple Robe Impr.
Petunias Double and Dwarf Giants
Primula Obconica
Salpiglossis (for cutting)
Salvia (for plants)
Stocks (Column and Branching)
Statice Suworowii (Russian) for late spring cutting
Sweet Peas (Late varieties)
Thunbergia (Vine)
Torenia (for pot plants)
Verbena (Spring plants)
Vinca Rosea (plants)
Zinnia (for cutting inside)

ITEMS TO START IN FEBRUARY—Continued

GREENHOUSE

Azaleas
Lantana 2 1/4"
Hydrangea R.C.
Geranium 2 1/4" or R.C.
Chrysanthemum R.C.
Carnation R.C.
Vinca R.C.
Fancy Leaved Caladiums
Ageratum R.C.
Verbena R.C.
Cyclamen Seedlings
Cannas
Caladiums
Dahlia
Foliage Plants 2 1/4" & up.

BULBS

Amaryllis
Auratum Lilies
Begonias Tuberous
Giganteum Lilies
Gladiolus
Gloxinias
Rubrum Lilies

SUPPLIES

Aerosol Bombs **Bamboo Stakes**
Alum. Val Pacs **Fertilizers**

Planted in February

Asters
Marigolds
Primula
Stocks
Sweet Peas
Hydrangeas take cuttings
Gladiolus
Begonias Tuberous
Gloxinias Tuberous
Croft Lilies
Croft Lilies

Benching

March 10
April 1
April
April
February
Feb.-April
Feb.
Feb.
Feb.
Feb. 1
Feb. 15

Blooming

June-July
May 15
October
June
May-June
Easter-June
May-June
June-Aug.
June-Aug.
May 20
June 1

Culture

Lighted Feb. 10 on Use late var.
Grow restricted containers. Dry side.
Do not use peat.
Grow below 60°.
(Latest pinch July 1, Pots)

ITEMS TO START IN MARCH

FLOWER SEEDS

Alyssum (Spring Plants)
Asparagus Plumosus Nanus
Asparagus Sprengeri
Asters (for forcing)
Browallia (Spring Plants)
Calendula
Clarkia (for cutting)
Celosia (Dwarf for combinations)
Centaurea Cyanus (outside)
Centaurea Gymnocarpa (Dusty Miller)
Dahlias Unwin (Fine pot plant)
Gerbera (Transvaal Daisy)
Grevillea Robusta (Filler)
Gypsophila (A) for cutting
Ipomoea Clark's Early Heavenly Blue
Larkspur (outside)
Lupinus (Annual)
Marigolds (for combination)
Mesembryanthemum (pots)
Nasturtiums
Petunias (Bedding Varieties)
Primula Obconica (Pot Plant)
Primula Sinensis (Pot Plant)
Salvia (for plants)
Snapdragons (for cutting)
Solanum (Xmas Cherry or Pepper)
Statice Sinuata for cutting
Sweet Peas (outside)
Verbena (for plants)
Zinnia (for cutting inside)

SUPPLIES

Aerosol Bombs **Shredders**
Alum. Val Pacs **Thermometers**
Bamboo Stakes **Val Peat-Pot**
Fertilizers **Trays**

Flower Boxes
Fogg-It Nozzles
Fumigators
Fungicides
Glamour Paks
Heating Cables
Insecticides
Labels
Market Paks
Multipots
Paper Pots
Peat Pots
Perennial Pots
Plant Bands
Plastic Pots
Polyethylene
Resale Garden Chemicals
Rooting Hormones
Watering Equipment

GREENHOUSE

Azaleas **Cannas**
Buddleia **Dahlias**
Caladiums
Chrysanthemum R.C.
Fancy Leaved Caladiums
Foliage Plants 2 1/4" & up.
Geraniums 2 1/4" or R.C.
Hydrangea R.C. **Tritoma**

VEGETABLE SEED

Broccoli
Cabbage
Cauliflower
Cantaloupe
(in Peat Pots)
Cucumber
(in Peat Pots)

Lettuce

(Plant Sales)
Peppers
Radish (forcing)
Watermelon
(in Peat Pots)

Planted in March

Antirrhinum
Asters
Gerbera
Primula Obconica
Primula Sinensis
Zinnias
Begonias (bulbs)
Gloxinias (bulbs)
Croft Lilies
Croft Lilies

Benching

May 15
May 15
Aug.
May
May
April
March
March
March 1
March 15

Blooming

July and later
July
Dec. and later
Dec. 25
April on in 5" pots
May 20-June
June-Aug.
June-Aug.
June 10
June 20

Culture

Do not pinch.
Use fresh seed only.
Do not use peat.
60°-65°
60°-65°

Index of Everything Listed

Explanation of Table Below: Numbers Prefixed with **B**, Represent Bulbs; **P**, Plants; **R**, Roots. **S**, Seeds.

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VAL-PEAT POT TRAYS, VAL-PAKS' MARKET PAKS

The Val-Peat Pot Tray is the newest and most versatile plastic container on the market today. With this new tray, you can now merchandise individual plants in Peat Pots. Attractive yellow color adds eye-appeal and saleability. Reinforced edge prevents folding in the middle or breaking; adds strength. Yes, now you can standardize and save handling costs by growing and selling all your plants in these attractive trays. May be used with or without pots.

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S1715 VAL-PEAT POT TRAYS

No. 1723 Holds 6 1 $\frac{1}{4}$ " Val-Pots 6 $\frac{1}{16}$ "x4 $\frac{15}{16}$ "x2 $\frac{1}{8}$ ". Packed 500 per carton; weight 26 lbs. per carton.

500 to 1,000.....	per 1,000	\$48.90
1,500 to 10,000.....	per 1,000	\$44.90
10,500 UP.....	per 1,000	\$39.90

No. 1734 Hold 12 1 $\frac{1}{4}$ " Val-Pots 8 $\frac{3}{16}$ "x6 $\frac{3}{16}$ "x2 $\frac{3}{16}$ ". Packed 200 per carton; weight 16 lbs. per carton.

200 to 1,000.....	per 1,000	\$68.90
1,200 to 10,000.....	per 1,000	\$63.90
10,200 UP.....	per 1,000	\$58.90

No. 2223 Holds 6 2 $\frac{1}{4}$ " Val-Pots 8 $\frac{1}{4}$ "x5 $\frac{5}{8}$ "x2 $\frac{1}{16}$ ". Packed 200 per carton; weight 15 lbs. per carton.

200 to 1,000.....	per 1,000	\$59.50
1,200 to 10,000.....	per 1,000	\$55.50
10,200 UP.....	per 1,000	\$51.50

No. 3023 Holds 6 3" Val-Pots 10 $\frac{1}{4}$ "x7x3 $\frac{1}{8}$ ". Packed 200 per carton; weight 22 lbs. per carton.

200 to 1,000.....	per 1,000	\$159.90
1,200 to 10,000.....	per 1,000	\$155.90
10,200 UP.....	per 1,000	\$149.90

S1740 MARKET-PAKS

No. 24 4 $\frac{1}{8}$ "x5 $\frac{3}{4}$ "x2 $\frac{1}{2}$ " in. Packed 250 per case. Minimum order 250. 17 lbs. per case.

Quantity	Per 1000
250 to 750.....	\$31.00
1,000 to 9,750.....	28.00
10,000 to 49,750.....	26.00
50,000 UP.....	24.00

No. 30 2 $\frac{7}{8}$ "x10 $\frac{1}{4}$ "x2 $\frac{3}{8}$ " in. Packed 200 per case. Minimum order 200. 17 lbs. per case.

Quantity	Per 1000
200 to 800.....	\$41.00
1,000 to 9,800.....	37.00
10,000 to 49,800.....	35.00
50,000 and UP.....	32.00

No. 44 5 $\frac{1}{2}$ "x7 $\frac{1}{2}$ "x2 $\frac{3}{4}$ " in. This pak can best be described as a deep Market-Pak No. 42. Packed 200 per case. Minimum order 200. 23 lbs. per case.

Quantity	Per 1000
200 to 800.....	\$49.00
1,000 to 9,800.....	45.00
10,000 to 49,800.....	43.00
50,000 and UP.....	40.00

No. 60 6x10x2 $\frac{3}{4}$ " in. Packed 200 per case. Minimum order 200. 28 lbs. per case.

Quantity	Per 1000
200 to 800.....	\$67.00
1,000 to 9,800.....	61.00
10,000 to 49,800.....	57.00
50,000 and UP.....	53.00

No. 28 5 $\frac{1}{8}$ "x5 $\frac{1}{2}$ "x2 $\frac{3}{4}$ " in. Packed 250 per case. Minimum order 250. 23 lbs. per case.

Quantity	Per 1000
250-750.....	\$39.00
1,000 to 9,750.....	35.00
10,000 to 49,750.....	33.00
50,000 UP.....	30.00

No. 42 5 $\frac{1}{2}$ "x7 $\frac{1}{2}$ "x2 $\frac{3}{8}$ " in. Packed 200 per case. Minimum order 200. 20 lbs. per case.

Quantity	Per 1000
200 to 800.....	\$44.00
1,000 to 9,800.....	40.00
10,000 to 49,800.....	38.00
50,000 and UP.....	35.00

No. 57 6 $\frac{3}{4}$ "x8 $\frac{3}{8}$ "x2 $\frac{3}{4}$ " in. Packed 200 per case. Minimum order 200. 26 lbs. per case.

Quantity	Per 1000
200 to 800.....	\$75.00
1,000 to 9,800.....	70.00
10,000 to 49,800.....	66.00
50,000 and UP.....	62.00

Half Flat 10x12x2 $\frac{3}{4}$ " in. Packed 200 per case. Minimum order 200. 50 lbs. per case.

Quantity	Per 1000
200 to 400.....	\$110.00
600 to 4,800.....	100.00
5,000 and UP.....	90.00





NEW!

Glamour Paks



Color! Probably Today's Most Important Merchandising Factor!

Color is built into this all new Glamour Pak container . . . color to complement the beauty of the plants, Color to catch the customer's eye and trigger the impulse to buy. Yes, your plants in Glamour Paks make an irresistible combination.

Practical, too: designed **by** a florist **for** florists. Strong plastic resists cracking and breaking—tested two years successfully. Available as individual containers or fastened together for easier handling.

And best of all, they're priced low to help you make profits. Order from table below, right.

Size and Description

- Model 57S Individual paks measuring $4\frac{7}{8} \times 6\frac{1}{4} \times 2\frac{1}{4}$
- Model 57TL 6 Paks fastened together giving overall dimension of $10\frac{1}{2} \times 20 \times 2\frac{1}{4}$. Individual pak $4\frac{7}{8} \times 6\frac{1}{4} \times 2\frac{1}{4}$
- Model 57TS 6 Paks fastened together giving overall dimension of $13\frac{1}{4} \times 16 \times 2\frac{1}{4}$. Individual Pak $4\frac{7}{8} \times 6\frac{1}{4} \times 2\frac{1}{4}$
- Model 78S Individual paks measuring $6\frac{1}{2} \times 7\frac{3}{4} \times 2\frac{1}{4}$
- Model 78TL 6 Paks fastened together giving overall dimensions of $14 \times 16\frac{1}{2} \times 2\frac{1}{4}$. Individual Pak $6\frac{1}{2} \times 7\frac{3}{4} \times 2\frac{1}{4}$

Model	Paks per case	Price per 1000 paks		Price per case
		600 to 5400	6000 UP	
57S	600	\$43.00	\$40.00	\$25.80
57TL	600	43.00	40.00	25.80
57TS	600	43.00	40.00	25.80
78S	400	65.00	60.00	25.00
78TL	400	65.00	60.00	25.00

All Prices Prepaid east of the Rocky Mountains. Add \$1.75 per 1000 for delivery west of The Rocky Mountains. Shipping weight 35 lbs. per case.